Administration Report
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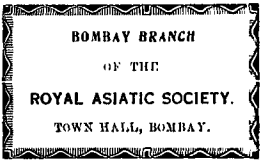

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ADMINISTRATION REPORT

OF

THE MUNICIPAL COMMISSIONER

FOR THE

CITY OF BOMBAY

FOR THE YEAR 1898-99.

133752

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1899.

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Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the year 1898-99.

General.

A new Corporation came into office on the 1st of April 1898, and at its first meeting, held on the 4th April 1898, the Hon'ble Mr. Bhalchandra K. Bhatawadekar, L.M., was elected President for the ensuing year and held office till 31st March 1899. Mr. Ibrahim Rahimtoola was Chairman of the Standing Committee for the year. The executive post of Commissioner was held by Mr. P. C. H. Snow, I.C.S., C.I.E., till 21st August 1898, on which date it was taken over from him by Mr. W. L. Harvey, I.C.S., who continued to hold the appointment till the end of the year. Mr. H. W. Barrow, Municipal Secretary, proceeded on six months' leave on 21st May 1898, at the end of which he retired on pension after a long and faithful service in the Municipality of nearly 28 years. He was succeeded by Mr. M. N. Wadia, B.A., Assistant Secretary to Government.

2. Death played sad havoc in the ranks of the Corporation during the year and carried off some of its eminent, useful and promising members in the persons of Mr. F. Edgelow, Sir Jamsetji Jejeebhoy, Bart., C.S.I., Dr. Kaikhosru N. Bahadurjee, Mr. Jaya Karadi Lingu, Mr. G. W. Roughton and Mr. Dost Mahomed Allana.

3. During the year the Corporation had the honour of officially welcoming to this country, on the 30th December 1898, the newly appointed Viceroy and Governor General of India, the Right Honourable Baron Curzon of Kedlestone. The Corporation held 40 meetings during the year, and 40 meetings were held by Committees of the Corporation other than the Standing Committee. The last named body held 56 meetings.

Financial.

4. The opening gross balance of the year was Rs. 26,25,144-5-5, representing, as explained at page 2 of last year's review, an actual unappropriated net surplus cash

balance of Rs. 2,25,501-12-11, exclusive of the minimum of Rs. 1,00,000 required by law. The revenue realizations of the year amounted to Rs. 71,61,911-7-8, making a total sum of Rs. 97,87,055-13-1 to be accounted for in the year. The expenditure of the year was Rs. 73,39,025-12-3, leaving a closing balance of Rs. 24,48,030-0-10. Deducting from this gross balance—

Rs.	8,19,471	2	11	for lapsed grants of 1898-99 and previous years proposed to be renewed in 1899-1900,
„	8,75,554	7	10	for value of reserve stock,
„	1,00,000	0	0	for the minimum cash balance required by law,
Total Rs.	17,95,025	10	9—	

the net balance remains at Rs. 6,53,004-6-1 only. The sum of Rs. 8,12,546, being the net advance for the purchase of land on the Agripada, &c., estates, has not been taken into account as before in estimating the closing balance, as it has now been included in the expenditure of the year, and thus temporarily written off. The Corporation, however, propose to ask Government to allow the amount to be recouped to the municipal balances by the raising of a loan. The net balance of Rs. 6,53,004-6-1 compares very favourably with the balance of Rs. 2,25,501-12-11 of the previous year, but has been attained by a rebate of Rs. 5,00,000 on account of plague expenditure met from Revenue in 1897-98, against which there are no plague charges debited to current revenue as in the previous year, the whole of the year's expenditure on plague having been charged to loan funds.

5. At pages 10 and 11 of his report the Commissioner gives a statement of revenue and expenditure under main heads as compared with the Budget estimates of the year and also with the actuals of the preceding years. It appears that the total revenue realized (Rs. 71,61,911), though less by Rs. 65,688 than the estimate, exceeded the revenue of the previous year by Rs. 4,53,406. The *General Tax*, which was levied at 9½ per cent. during the year against 8½ per cent. in the previous year, realized Rs. 1,67,927 more. A larger increase might have been expected, but it is explained that the outstandings of previous years collected in 1898-99 were less than the outstandings collected in 1897-98 by over Rs. 75,000. Another large increase (of Rs.1,71,118) was

under *Water Tax and other Miscellaneous Water Works Revenue*, due to the fact that under Standing Committee Resolution No. 1644, dated the 12th May 1897, bills for water supplied by meter measurement during the last quarter of 1897 were collected, and the amounts credited, in 1898-99. *Town Duties* also realized Rs. 1,65,737 more than in the previous year, though much of the increase was merely nominal as will appear below. Three main heads of revenue show a falling off, the principal one being of Rs. 53,442 under *Miscellaneous Receipts and Investments of Surplus Loan and other Balances*, due to smaller realizations by rents and by sale of lands and rights and to reduction of interest consequent on a large reduction in the invested balances.

6. The total ordinary expenditure of the year was Rs. 70,26,479, which was less than the estimate by over 14 lakhs of rupees, and nearly the same as the actuals of 1897-98, if from the latter is left out a sum of Rs. 5 lakhs spent from the year's revenue on plague charges. This sum of Rs. 5 lakhs was refunded in the year of report, but on the other hand Rs. 8,12,546 have been taken into account on the expenditure side for writing off the net amount advanced up to 1897-98 on account of the purchases of frontage lands in the Agripada, &c., estates. The total ordinary expenditure thus amounted to Rs. 73,39,025 against Rs. 70,59,914 in 1897-98. The expenditure on loan works (including Plague expenses) was Rs. 20,22,955 against Rs. 29,13,192 in the previous year, bringing up the total disbursements of the year to Rs. 93,61,981 against Rs. 99,73,106 in 1897-98. The items which show a very considerable increase of expenditure are *Public Health Department* and *Municipal Debt*. Under the former the increase was Rs. 1,02,541, due to the department having been reorganized from November 1898 and to better conservancy arrangements for the City. Under the latter it was Rs. 2,20,566, due to the high rate of interest paid on the temporary loans amounting to 35 lakhs taken from the Bank of Bombay.

7. Under each and every item of expenditure the actuals fell short of the estimates, and the total actual expenditure was short of the estimate by more than 14 lakhs of rupees

a very rigorous economy having been enjoined on and practised by all Departments to keep moneys available for plague expenditure.

8. The sum of Rs. 20,22,955 spent on Loan Works during the year was distributed as shown in the statement embodied in para. 31 of the Commissioner's Report. In the five years ending with the year of report this expenditure has aggregated Rs. 79,48,049. The largest item is plague expenditure, which has amounted up to the close of 1898-99 to Rs. 35,32,408. Recoveries have been made from Government on account of plague expenditure incurred on their behalf, in addition whereto provisional grants, aggregating Rs. 14½ lakhs, have been received from Government towards the plague expenditure, but have not been credited to plague expenses, pending settlement of the question of the division of such expenses between Government and the Municipality. The total sum expended by the Municipality of Bombay on Loan Works up to the end of the year of report aggregates very nearly 4¾ crores of rupees. The total Municipal debt on 31st March 1899 amounted to Rs. 4,18,54,457, against Rs. 4,11,20,497 on 31st March 1898, the increase of Rs. 7,33,960 being made up by Rs. 8,00,000, being the amount taken up out of the temporary loan of 20 lakhs for plague purposes arranged with the Bank of Bombay, less Rs. 53,000, being the value of Drainage Loan Debentures paid off during the year, and Rs. 13,040 paid to Government towards the liquidation of the Vehar Debt. Adding to this other liabilities, the Municipal liabilities amounted altogether to Rs. 4,38,08,328 against a total figure of Rs. 5,88,41,631 for assets, made up as follows :—

Cash Balance and Invested Sinking and other Funds and Contractors and other deposits	Rs.	60,11,808
Advances to Departments and to Contractors	„	2,18,661
Municipal Property (including Water Works, Lands and Buildings, Roads, Bridges, &c.)	„	5,17,35,608
Reserved Stock	„	8,75,554
Total ...	Rs.	5,88,41,631

The assets are thus in excess of the liabilities by over a crore and a half of rupees. In the review of the Report for 1897-98 doubts were expressed as to the accuracy of the

valuation of assets, and a correct re-valuation was suggested. It is noticed that the suggestion is being acted upon. The Sinking Fund Investments increased from Rs. 19,06,597 to Rs. 22,62,415, which is roughly about 6½ per cent. of the total Municipal debt, excluding the Vehar Debt, which is being paid off by monthly instalments to Government, the Drainage Loan of 1878, which is also being paid off by annual instalments to the public, and the temporary loans taken from the Bank of Bombay.

9. As in the previous year, the Municipality was unable to float the permanent loans of 49 lakhs required in the year. In response to an invitation of tenders for 29 lakhs, only about Rs. 15,000 were offered, so unfavourably was the state of the money market, owing chiefly to dislocation of business by plague. It was necessary to fall back again upon the Bank of Bombay, which renewed up to 30th September 1899, on the security of Municipal Debentures, the temporary loans of 35 lakhs previously taken from it, at 1 per cent. below current rate, subject to a minimum of 4 per cent., interest being payable half-yearly. This accommodation, supplemented by a timely provisional contribution of 10 lakhs from Government for plague expenditure, enabled the Municipality to finance the plague and other loan expenditure up to the end of the year of report. At the end of the year a further provisional plague grant of Rs. 4½ lakhs was received from Government.

Revenue.

10. With an increase of 1 per cent. in the year of report, *i.e.*, from 8½ to 9½ per cent., the total amount of *General Tax* leviable for the year, exclusive of the compounded sums payable by Government and the Port Trust, was Rs. 20,35,222 against Rs. 17,94,227 in the previous year. The compounded sums payable by Government under Section 144 (3) and by the Port Trust under Section 145 (3) of the Municipal Act increased from Rs. 98,374 and Rs. 1,52,482 to Rs. 1,09,947 and Rs. 1,70,420 respectively. And altogether the total realizations expected from the *General Tax* were in excess of the previous year by Rs. 2,70,506. The *Water Tax* demand rose from Rs. 12,42,199 to Rs. 14,76,817, being an increase of Rs. 2,34,618.

From *Halalkhor Tax* Rs. 7,16,783 were expected against Rs. 6,98,561 in the previous year, the improvement amounting to Rs. 18,222. The demand on account of Wheel Tax on private conveyances and animals for the four quarters ending 31st December 1898 was Rs. 1,62,961 against Rs. 1,55,282 in 1897. The total collections during the year from *Property and Wheel Taxes* aggregated Rs. 47,85,033 and were more than those in 1897-98 by Rs. 3,13,661, a large increase due chiefly to the addition of 1 per cent. to the General Tax. Reverting to *Wheel Tax* it may be noticed that 654 bicycles and 7 tricycles were taxed during the year in accordance with Corporation's Resolution No. 9604, dated the 10th January 1898, evidently a very small proportion of the machines actually in use in the city. As the legality of the Cycle Tax has since been affirmed by a High Court decision and a Committee of the Corporation is sitting to suggest efficient means of collecting the tax, the revenue from this source may develop. The *Outstanding Balance*, which was Rs. 1,07,100 on 31st March 1898, increased to Rs. 1,13,477 on 31st March 1899. But the Assessor and Collector reports that Rs. 64,129 out of this amount have been accounted for up to the 15th July 1899, and that the balance of Rs. 49,347, which is made up of the outstandings of all previous years, consists chiefly of disputed and departmental bills. This result is very creditable to Mr. Brunton and his Department, especially in view of the unsettled state of the City on account of plague.

11. 53,328 properties stood registered in the Assessment Book, being an increase of 163 properties over those registered up to the end of 1897-98. The recorded gross valuation of these properties was Rs. 2,98,53,636, being an increase of Rs. 3,70,831, chiefly due to erection of new buildings and enlargement of existing ones. The increase in valuation due to rise in rents and correction of under-assessment is shown at Rs. 14,358 only, an insignificant figure when compared with that of the previous year, which was Rs. 2,37,562, or with those of the three preceding years, the lowest of which was Rs. 1,49,527 (in 1895-96). No explanation is given of the smallness of this increase.

12. There were 12 *appeals* against the action of the Department to the Chief Judge of the Court of Small Causes, of which 8 were settled by consent, 1 was withdrawn and 3 dismissed.

Town Duties.

13. These are collected for the Municipality by the Trustees of the Port of Bombay and the G. I. P. and the B. B. & C. I. Railway Companies. The aggregate of their collections for the year was the large sum of Rs. 22,55,540, which is over 5¼ lakhs better than in the previous year. But the refunds also were proportionately larger,* and the net revenue of Rs. 9,92,953 is better than that of the previous year by Rs. 996 only—not a very satisfactory result when it is remembered that the duties on grain, flour and firewood were doubled for the year, and that on ghee was raised by 25 per cent. Such a result was, however, anticipated in last year's review, where it was noted that the importation of sugar into Bombay in 1897-98 was abnormally large, and moreso in the last three months of the year, and that probably a good portion of the large excess of revenue would ultimately prove to have been only nominal. Not only was the collection on sugar in the year of report less by Rs. 57,360 than in 1897-98, but the refunds were more by Rs. 1,75,338, and a decrease in the net revenue from this article of Rs. 2,32,698 was thus brought about. All the other articles which paid Town Duties yielded more net revenue than in the previous year, the total increase being Rs. 2,33,695, which is all but wiped off by the falling off on sugar. Next to sugar the largest gross collection was from grain, amounting to Rs. 6,35,222, or nearly 4½ lakhs better than in the previous year, but nearly 3¾ lakhs of this had to be refunded on exports, the previous year's refund being a little less than half-a-lakh. No refunds had to be paid on firewood, all the 542,662 candies of it imported being for local consumption.

New Works.

14. By the completion during the year of certain works remaining to be done at the *Gamdevi and Sankli Tank Fire Brigade Stations*, the eleven fire brigade stations, sanctioned by the Corporation under Resolution No. 5144, of the 14th August 1892, were fully completed during the year of

* In para. 5, where the increase in Town Duty Revenue is given as Rs. 1,65,737, the figure is arrived at by taking into account the outstandings at the beginning of the year and leaving out those at the end of the year and by deducting only the refunds actually paid during the year and not those remaining unpaid though passed by the Refund Officer.

report. The total cost of the eleven stations has amounted to Rs. 4,03,008 against the sanctioned grant of Rs. 4,57,425. The *Fergusson Road Market* was completed and opened on 1st November 1898. Out of the sanctioned grant of Rs. 10,000 for this work an expenditure of Rs. 6,829 was passed up to 31st March 1899. During the five months of the year for which it was open a revenue of Rs. 1,187 was realized from rent of stalls and squatters' fees, which indicates that the market will be a paying one and will probably require enlargement at an early date.

15. The construction of the *Nasarwanji Manekji Petit Public Hall* has been delayed by the unfortunate death of its munificent donor, Bai Dinbai Petit. Bai Awanbai Petit, daughter of Bai Dinbai, has undertaken the payment of the donation promised by her mother, and a deed of trust for the payment is under preparation, on the execution of which the purchase money for the site will be paid by the Municipality to Government, and the work, all preliminary arrangements for which have been made, will be commenced.

16. The portion of *Reay Road* between Dockyard Road and Gunpowder Road was completed at a cost of Rs. 13,812 and opened to traffic on 10th August 1898, and arrangements have been made for completing the remainder of the road, except the portion between DeLima Street and Wari Bunder Road and the northern approach to the proposed over-bridge over the existing Railway sidings at Wari Bunder which cannot be taken in hand until the alignment of the over-bridge and its southern approach is finally settled by the Port Trust and the G. I. P. Railway. A departure from the original line of the road may be necessary if the projected Port Trust Railway is sanctioned. The Standing Committee trust the Commissioner will press the Railway and the Trust for an early settlement. The roads and streets on the Agripada Land and estates, which have passed to the City Improvement Trust under Act IV of 1898, are not being proceeded with. The *Arthur Road Diversion* has been completed at a cost of Rs. 16,266.

17. The works in connection with the *Transport of town-sweepings to Deonar* were nearly completed in the year of report. The Railway line from Kurla to Deonar was formally

opened for use on the 12th of May 1899, and the transportation of sweepings commenced on 7th June 1899. The work of loading the sweepings at Mahaluxmi and unloading them at Deonar, has been assigned to the Health Department. The B. B. & C. I. and the G. I. P. Railway Companies will carry the wagons over their respective lines for payment, the siding at Mahalaxmi will be maintained by the B. B. & C. I. Railway at Municipal expense and the maintenance of the Municipal Railway from Coorla to Deonar will belong to the Executive Engineer's Department. Out of the sanctioned grant of Rs. 8,44,000 for this work, the expenditure up to the end of March 1899 was Rs. 6,41,203. The 823 acres of marshy land purchased by the Municipality for deposit of sweepings, are expected to be reclaimed by the cutchra of Bombay in about 23 years, and, when fully reclaimed, to become a valuable Municipal estate yielding an annual income of about a lakh of rupees. The Executive Engineer highly commends the way in which the construction of this work has been superintended by his personal assistant, Mr. Manekji Sheriarji Bharucha, L.C.E., assisted by Inspectors Madhavrao Ramchander Natu, and Muncherji Edalji Joshi, L.C.E. The credit of planning and of efficiently and economically executing this useful scheme, which promises to be so remunerative, belongs to the Executive Engineer himself.

18. All the works for the preparation and completion of the *Burial ground for Sunni Mahomedans* at Tank Bunder have been executed. The Collector of Bombay having nearly completed the enquiry in the matter of the acquisition of a portion of Narielwadi for the future extension of this burial ground, the land will shortly be made over to the Municipality when it will be enclosed and filled up. The new *Beni-Israel burial ground* at Mount Road has been handed over to the community for use. A plot of land admeasuring 30,390 square yards has been acquired under the Land Acquisition Act for Rs. 39,699 for the extension of the *Christian Cemetery at Sewree.* A plot of ground has also been purchased for the *Burning and Burial ground at Mahim.*

DRAINAGE.

19. The *Worthington Pumping Engines* at the *Love Grove Station* continued to work very satisfactorily, and were maintained during the year at an average efficiency of 92·4 per

cent. The maintenance of the station during the year cost Rs. 99,406. One item of cost was the purchase of 4 revolvers and 50 rounds of ammunition for Rs. 159 for the use of the four Engineers to enable them to guard the important works and the workmen in any public disturbance.

20. The street portions of *House Drainage Connections* were made to 1,381 houses, at a total cost of Rs. 39,813.

21. The working of the *Installation for Electrolized Sea-water*, which was stopped at the commencement of the monsoon of 1897, was re-started on the 7th April 1898, and continued without interruption up to the 18th of June 1898, when it was again closed at the break of the monsoon. It was set working once more on the 9th January 1899, and worked to the end of the official year, the total expense of the year being Rs. 2,901. The Drainage and the Health Departments used the fluid for flushing of sewers and privies. The Health Officer considers the fluid valuable for the flushing of the shafts of privies, as it instantly destroys all disagreeable smells and is lasting in its effects. The chlorine produced is estimated by the Executive Engineer to cost about Rs. 1,450 per ton, while the cost of chlorine from chloride of lime is estimated at Rs. 780 per ton; but it is stated that the Hermite Electrolized Solution is twice as effective as the chlorine derived from chloride of lime (bleaching powder), which is a deliquescent powder, while the former is a fluid, containing not only chlorine but other powerful deodorizing agents.

Streets and Buildings.

22. More activity in building operations is indicated by the fact that the 1,671 applications received during the year for permission to build or rebuild were about 33 per cent. more than in the previous year. 33 of these were disapproved on sanitary and other grounds, and the rest were passed on certain conditions.

23. Twenty-eight buildings or parts of buildings fell during the year, by which 7 persons were killed and 31 injured.

24. The total amount sanctioned by the Corporation for street improvement was Rs. 2,06,735, out of which Rs. 1,11,247 were disbursed during the year and a large liability remains outstanding. An area of 5,232 square yards

was added to streets at an expenditure of Rs. 73,661. The Executive Engineer appeals for larger grants for widening streets, and urges that, in view of the steadily increasing prices of land in Bombay, the taking up of all open spaces lying within the "regular lines" of streets should not be delayed, and that the opportunity presented by the improvement of insanitary houses under the Epidemic Diseases Act should be availed of for setting back houses wherever necessary.

ROADS.

25. The Executive Engineer again complains of the insufficiency of the grant for the repair of roads, the number and extent of which in the City is constantly increasing. The year's grant was Rs. 3,40,000, but Rs. 60,000 of this had to be held back during the monsoon to meet plague expenditure, and, when released in November, could not be fully utilized owing to both labour and material being difficult to obtain. Only Rs. 3,12,759 could therefore be spent, and Rs. 27,240 remained unspent. No paving of footpaths was done in the year as it was not possible to provide any grant for the purpose. The Executive Engineer recommends that the annual grant for this work should be renewed. The watering of roads was satisfactorily done. The system of watering by hydrants, which is found more convenient and effective, is gradually superseding the old system of watering by carts.

PUBLIC LIGHTING.

26. The City was lighted with 3,873 gas lamps costing Rs. 2,17,874, and 1,769 kerosine lamps costing Rs. 30,932. The Electric Light Installation for the Crawford Markets and the Municipal Office worked fairly well during the year. The expenditure on it was Rs. 11,898.

WORKSHOPS.

27. The Municipal Workshops continued to be useful and efficient. The value of the works done at them during the year was Rs. 1,26,061, on which a profit of Rs. 14,083 is calculated to have been made.

PLAGUE OPERATIONS.

28. 2,633 houses were inspected, out of which 2,213 were found to need improvement and 405 to be fit for demolition as being incapable of improvement. 293 houses

were actually demolished during the year; and 2,086 improvement notices were served. They were complied with in the case of 704 houses, and 725 houses were declared unfit for human habitation. Compensation, amounting to Rs. 12,890,— was awarded by the Government Assessor for 85 buildings condemned for demolition. Rs. 2,989 were paid for huts or sheds demolished under Section 426 of the Municipal Act, and a sum of Rs. 1,097 still remains to be paid on that account. The Executive Engineer draws attention to the dearth of suitable house accommodation for the poorer classes, and to the insanitary, ill-ventilated, damp and overcrowded dwellings in which they have to herd in consequence. It may be hoped that these evils will, at no distant date, be to a large extent mitigated by the operations of the City Improvement Trust.

29. Thirty-seven plague camps were erected or old ones repaired and strengthened during the year under review by the Executive Engineer's Department. Latrine accommodation, drainage and cesspool arrangements were provided wherever necessary, and all the camps were lighted with kerosine oil.

Water Works.

30. *Tansa.*—The year's rainfall, 98·68 inches, was sufficient, but below the fall in the two previous years when it was 120·13 and 104·82 inches, respectively. On an average of the seven monsoons previous to that of the year of report it has been estimated that annually 82,833 million gallons of rainfall in the drainage area of the Tansa Lake, of which 40,695 million gallons (or 50·7 per cent.) reach the lake, the rest being evaporated or absorbed. In the year of report the total rainfall over the drainage area was 74,842 million gallons only, of which 36,424 millions or 48·6 per cent. passed to the lake. After 31·52 inches of rain had fallen, Tansa overflowed on 8th July 1898, and the water continued to pass out till the 4th October 1898. From a comparison of the storage of water above the lowest outlet on 1st October 1898 and 1st April 1899, it is estimated that in six months 6,487 million gallons of water passed out of the lake, or 35·6 millions a day, inclusive of evaporation and leakage. The actual daily quantity delivered into the aqueduct is estimated at 23·8 million gallons. The quantity of water which passed over the waste weir is calculated at 25,198 million gallons. The highest flood was

on 21st July, when the water reached 405·9 T.H.D. During the year only 47·5 million gallons of Tansa Water were passed into the Vehar Lake against 165 and 213 million gallons in the two previous years, respectively, the quantity being diminished year by year owing to increased consumption. The water-supply to the city from Tansa was interrupted for nine days during the year for repair of bursts, &c.

31. *Vehar.*—The rainfall was 94·51 inches against 109·81 and 97·36 in the two previous years. 8,464 million gallons of rain water are estimated to have been received by the drainage area of this lake, and 5,255 million gallons of it (70%) to have passed into the Lake. 865 million gallons overflowed from the Tulsi Lake to the Vehar gathering ground. Between the 11th September, when a level of 264·50 T.H.D. was reached, and the 1st October, 1898, the lake kept overflowing. The storage capacity of the lake was raised by about 400 million gallons by the raising of the waste weir stop planks from 263·50 to 264·50 T.H.D. Including evaporation and leakage and excluding the supply received from the Tansa Duct, 15·5 million gallons per day are estimated to have passed out from the lake in the six dry months of the year—October to March. 2,300 million gallons flowed over the waste weir. On the mains between Vehar and Kurla, there were two bursts which required the stoppage of supply for 54½ hours in all. The construction of the road from Vehar to Tulsi, sanctioned in 1894 at an estimated cost of Rs. 35,000, has not yet commenced, because the present Deputy Executive Engineer, Water Works, estimates the cost at Rs. 76,000.

32. *Tulsi.*—The rainfall was 111·56 inches. In 1896 it was 139·52, and in 1897 118·66 inches. The rainfall received in the drainage area is estimated at 4,298 million gallons. 62 per cent. of this or 2,670 million gallons went into the lake. In the six dry months of the year, 5·7 million gallons of water are believed to have gone out of the lake per diem.

33. *Pawai.*—Negociations, which have since been completed, were in progress for letting the land and buildings attached to this useless lake to the Agave Fibre Syndicate for the cultivation of the Agave plant and its manufacture into fibre.

34. *The reservoirs.*—These and the filters attached to them have received proper attention during the year.

35. *Distribution of Water.*—As a hygienic measure in connection with plague operations 204 water connections were cut off and 151 stand-pipes erected to supply people thus deprived of their water. The Water Engineer reiterates his complaint as to excessive consumption. 471 new connections were made during the year. The Standing Committee sanctioned the severance of water connections in 1,621 cases under Section 379 of the Municipal Act, but the sanction was acted on in 176 cases only.

SPECIAL DRAINAGE.

36. In addition to 20 works described as "unfinished," already in hand, three new works were taken up during the year of report.

37. The progress of the "unfinished" works, several of which were practically finished in 1897-98, was as follows :—On the *Colaba Sewerage Works*, completed in 1897-98, a small expenditure of Rs. 59 was incurred during the year, which brings up the amount of the total expenditure to Rs. 8,21,070. Messrs. Bulkley & Co.'s suit against the Municipality in respect of the contract for this and other works was still pending at the end of the year. On the *Umarkhadi Sewerage Works*, also completed in 1897-98, Rs. 251 were spent in the year of report. The total cost of this work has been Rs. 3,49,961. *The Mazagon Sewerage Works (Gravitation portion)*, which, according to the contract, should have been completed in November 1897, were not completed in the year of report, and were expected to go on for another four months at least. Progress was slow on account of the difficult nature of the work which required deep excavations in hard rock. Rs. 18,256 were spent on these works in the year of report, making a total of Rs. 2,74,128. The Street portions of *House Drainage Connections in the Colaba District* were completed by the making of 33 connections (bringing up the total to 275) at a cost of Rs. 1,746. On the *Fergusson Road and Chinchpokli Sewerage Works* (Gravitation portion), which were completed in 1897-98, Rs. 4,168 more had to be spent for providing addi-

tional manholes, raising the total expenditure to Rs. 89,910. Under the *Old Race Course Sewerage Works* (Gravitation portion) an additional expenditure of Rs. 1,556 was incurred for connecting, by a temporary arrangement, the new sewer with the Ripon Road sewer. The total sum spent so far on the work was Rs. 39,039. Rs. 7,117 were expended during the year under *Improvement of Roadside Drains, &c., in Khetwadi*, the total expenditure now amounting to Rs. 52,657. *The Masonry Drain from Girgaum Road to Back Bay* was practically completed by 30th April 1898, but some necessary extra work had to be done, which was only finished in March 1899. The final bill for this work amounts to Rs. 18,962. The work of *Opening out the water-course to the west of Messrs. Kamas' property and constructing a covered drain thereat* still remains partially done, on legal advice, owing to the Messrs. Kamas objecting to the work. Some additional masonry work required for the *Culvert in the eastern bank of the Mahaluxmi Storm-water Reservoir* was done at a cost of Rs. 82, which brings up the whole cost of the work to Rs. 1,755. The difficulties met with in constructing the *Storm-water Drain from the Wellington Fountain to the Sea* were described in the report for 1897-98. The work was completed in May 1898 at a total cost of Rs. 36,702. It is understood that the demand of the Contractors to be paid for extra excavation and extra concrete, which was left for decision till the conclusion of the works, was finally allowed by the Commissioner as sole arbiter under the contract. The final bills for the undermentioned works were passed during the year, the total expenditure being as shown opposite to them :— (1) *Storm-water Drains in Esplanade Road and in Wodehouse Road*, Rs. 11,364. (2) *Storm-water Drain in Lower Colaba Road and Thomas Street*, Rs. 10,466. (3) *Storm-water Drain at the East Foot of Wodehouse Bridge*, Rs. 1,331. (4) *Ovoiding Side-drains in Pathan 1st Street*, Rs. 6,095. (5) *Arched Masonry Drain between the Poor Parsi Chawls in Gilder Lane and the B. B. & C. I. Railway*, Rs. 3,581. The *Improvement of Roadside Drains and Water Courses in and about Dadar Road* was completed, except a small portion to be done in the ground belonging to the B. B. & C. I. Railway, which has remained undone, pending settlement of objections raised by the Railway authorities. The total expenditure certified and

passed to the end of the year was Rs. 14,219. An expenditure of Rs. 3,68,649 was incurred during the year on the provision of *Machinery for the Parel, &c., Sectional Sewerage Districts.* A detailed account of the progress of the work is given at pages 638—643 of the Special Drainage Engineer's Report. The *Mazagon Sectional Sewerage Works* were commenced in December 1898, and are expected to take 18 months to complete. An expenditure of Rs. 24,197 was certified and passed to the end of the year of report.

38. Of the new works the *Surface Drainage Works* in the Kamathipura District are reported to be progressing satisfactorily. The expenditure incurred and passed on this work amounts to Rs. 50,741. *41 manholes on the old ovoid sewers in Kamathipura* were provided at a cost of Rs. 2,543. The *work in 9" pipe sewers in some new roads in the southern parts of the Apollo Reclamation* was undertaken by the Special Drainage Department at the request of the Port Trust, and were completed at a total cost to the Trust of Rs. 4,532.

39. Two Committees of the Corporation sat and reported during the year on the Special Drainage Engineer's Scheme for Surface and Subsoil Drainage ; but as the Corporation was still unable to come to a positive opinion, it was decided to seek the advice of an outside Engineer. Mr. Arthur John Hughes, C.I.E., M. Inst. C.E., of Calcutta was first communicated with, but ultimately (on 11th May 1899) the Corporation authorized the Commissioner to engage the services of Mr. W. Santo Crimp, and appointed a third Committee "to help in seeing that all necessary materials were placed before Mr. Crimp."

40. The machinery and ejectors at the Colaba Air Compressor Station worked satisfactorily, and there were no stoppages or breakdowns of more than very temporary duration. The volume of sewage lifted from 1st March 1898 to 28th February 1899 was a little over 325 million gallons approximately. In the year previous it was 220 million gallons for the same period. The increase was due to additional house drainage connections. The maintenance of the Station cost during the year Rs. 27,829.

Public Gardens.

41. Ten public gardens were maintained by the Municipality during the year at an expenditure of Rs. 60,898. 788,890 persons visited the gardens. These were more by 26,079 than in the previous year, but less by about three lakhs than in the year before. These figures may be taken as showing effectively how the distress and harassment under which the City has been labouring since the advent of plague has weighed down the spirits of the masses. Many improvements were carried out in the gardens, and every endeavour made to keep up to the usual standard of neatness and order, in spite of the need for curtailing expenditure and the difficulty of getting skilful workmen. The Northbrook Gardens continued to be occupied for plague purposes.

Fire Brigade.

42. The establishment and appliances are reported to have been maintained in a state of efficiency. The water-supply at fires was satisfactory in all cases, and the Water Works staff was always promptly on the spot and helpful. There were 115 calls to fires, excluding 5 false alarms. Of these 70 were extinguished by Brigade appliances. In the remainder the attendance of the Brigade was not required or the fires were extinguished before the arrival of the Brigade. The total value of property damaged by fire was Rs. 23,61,918, showing an increase of Rs. 3,63,451 as compared with the previous year. The estimated quantity of water used for extinguishing fires during the year was 2,877,300 gallons, of which 2,720,000 gallons were taken from street mains, and the rest from wells and tanks or from the sea. The fires of 1898-99 show a decrease of 21 as compared with those of 1897-98 and compared with the average of the past ten years a decrease of 1.

Public Health.

43. The Health Officer's Report* records another unprecedentedly unhealthy year. Plague continued to defy the combined organizations of Government and the Municipality and prevailed with even greater intensity than in 1897. The first rise of the epidemic was about the middle of Decem-

* The Report is for the calendar year 1898.

ber 1897. On the 9th February a mortality of 347 was recorded, followed by a series of repressions and fluctuations till the 16th of March, on which date and on the 18th of the same month 358 deaths were registered. Then there was a decline and fall up to the end of June, after which till the second week of October there was another rise, but not half so high as in the first three months of the year. Thereafter there was another slight decline, but from the first week of December the mortality again rose.

44. The total mortality of the City (exclusive of still-born) was 51,961, or 63·23 per mille, against 47,896, or 58·28 per mille in 1897. The number of deaths registered as from plague were 18,185 as against 11,003 in 1897. The number of plague attacks which came to notice and were registered were 22,130 against 13,314 in 1897. A good portion of the Health Officer's Report is taken up with an interesting disquisition on plague, the causes affecting it and the measures to cope with it, and elaborate statistics are attached to show its prevalence by class and race, by sex and age, by days and months, by sections and wards, by floors of houses, by places of birth, &c.

45. Inoculation was pushed on more vigorously than in the previous year, 27,887 persons having been inoculated against 8,142 in 1897. The results of treatment by Lustig's serum are described by the Health Officer as "encouraging to further experiment," but it is understood that subsequent experiments made on a different system of selection of patients have proved less favourable.

46. The plague administration passed from the Plague Committee to the Municipal Commissioner under the orders of the Plague Commissioner with effect from the 1st June 1898.

47. The mortality from *Cholera* in the year of report is small, only 104 deaths being registered against 1,265 in 1897. The mortality was highest in the first three months of the year and in July. The Health Officer notices as a striking fact that all but 9 of those who died from cholera were persons from outside Bombay.

48. Some cases of a disease called *Jiggers*, not heretofore known in Bombay, were imported in the year. Stringent measures were put in force by Government to prevent the importation of the disease.

49. 4,114 deaths were registered from *Fevers*, being 2,837 less than in 1897 and 2,772 less than the average. The largest number was under *Remittent Fever*, and in the month of March more deaths occurred from fever than in any other month. 546 deaths were registered from *Relapsing Fever*, of which there were two recrudescences in the year—one in the cold season, which attained its maximum in March, and the other in the rains, which attained its maximum in October. The maxima periods of intensity of relapsing fever corresponded with the maxima periods of intensity of plague. The death-rate from *Relapsing Fever* in the Arthur Road Hospital was 20·8 per cent. against a death-rate of 73·25 per cent. from plague. From *Measles* 254 deaths were registered, being 105 less than in 1897 and 190 less than the average. More than half the deaths occurred among children of 2 years of age and under.

50. 5,624 deaths were registered from *Phthisis*, which though less than those in 1897 by 303, were more than the average deaths from this cause by 1,372. The largest number of victims was, as is usually the case, from 2nd Nagpada, Umarkhadi, Chukla, Kamathipura, Khara Talao, Byculla and Bhuleshwar, all localities of ill repute, worthy the attention of the City Improvement Trust. 55 deaths were registered from *Small-pox* against 57 in 1897. From *Diseases of the Digestive System* (diarrhœa, dysentery, &c.) 4,602 deaths were registered, being 66 less than in 1897 and 1,472 more than the average. 51 persons died of *Leprosy* against 39 in the previous year. From *Diseases of the Respiratory System* (bronchitis, pneumonia, whooping cough, &c.) 8,423 persons were registered to have died, being 566 more than in the previous year and 2,885 more than the average.

51. 10,784 living and 1,569 still-born births were registered, being 1,448 more than in 1897; of the living births 5,640 were males and 5,144 females. Excluding the small community of Negro-Africans, the highest birth rate (per mille) was among Low-caste Hindus, and the lowest among Brahmins.

52. Under the re-organization scheme of the Health Department, which came into force on 1st November 1898, the City was divided into four administrative divisions, each in charge of a Divisional Health Officer. The total gross ordinary expenditure of the Department was Rs. 15,40,720 and its income Rs. 8,02,621. The net cost was therefore Rs. 7,38,099. The special sanitary measures undertaken for dealing with the pestilence necessitated a further extraordinary expenditure of Rs. 3,04,726.

53. The above statistics and those which follow will furnish some idea of the amount of work falling on the Health Department. On an average 4,003 men and women, 1,053 scavenging and drain carts and 205 night-soil and cesspool carts were at work in 1898 ; 388,817 tons of garbage, equal to 1,065 tons a day, were collected, removed and disposed of ; 172 miles of covered drains were opened and cleaned ; 4,229 notices and 2,401 summonses were issued ; 1,009 building plans were received and disposed of ; and 35,433 cart-loads of kutchra were burnt in the Garlick Incinerator.

Licenses.

54. The income contributed by this Department during the year of report was Rs. 60,646, which shows a falling off of Rs. 3,095 from the income of the previous year. It appears, however, that the figure for 1897-98 was swelled by a sum of Rs. 4,642 collected in that year for 1896-97. The corresponding sum for 1897-98 collected in 1898-99 is only Rs. 344. 1,904 prosecutions were undertaken by the Department against 2,115 instituted in 1897-98 ; 5,588 licenses were issued against 5,750 in the previous year.

Markets.

55. The Market revenue, which was steadily rising year by year up to 1895-96, but had in the two subsequent years shown a tendency to decline owing to plague, slightly recovered itself in the year of report, the revenue realized, Rs. 3,86,633, being better by Rs. 12,631 than in the previous year. The fruit and vegetable supply of the year was plentiful and cheap, and the beef and mutton supply was fairly good. A considerable number of market stalls were

vacated owing to absence of customers who had gone elsewhere on account of plague, and on the whole the state of business was slack. The opening of the Fergusson Market and its financial success have been noticed above.

ARTHUR ROAD HOSPITAL.

56. In this Municipal Hospital for infectious diseases the largest admissions were for Plague and Relapsing Fever and a few cases were received of Cholera, Small-pox, Chicken-pox, Measles and Whooping-cough. The total admissions in the twelve months of 1898 were 4,319; of these 2,187 were for Plague and 1,581 for Relapsing Fever. Among plague patients death resulted in 1,602 cases, giving a mortality rate for the year of 73·25 per cent., nearly 7 per cent. higher than in the two previous years. The Medical Officer writes :—

"This, the third plague epidemic, was known no less for its extreme virulence than for the severity of the individual cases, and during March it far surpassed in malignancy, the worst period of the second epidemic. Scarcely ten per cent. of patients were free from serious lung complications, a factor which was non-existent in the previous epidemics, and which contributed not a little to the higher mortality rate."

The Medical Officer then reports that the mortality rate for the months of January to May 1899 works out to 79·24 per cent., or 6 per cent. more than of 1898, and infers from it the increasing virulence of each succeeding epidemic. The mortality in 1898 was highest among Hindus (74·38); 10 per cent. less among Musalmans and Native Christians and 40 per cent. less (*i.e.*, 35 per cent. only) among the few Parsees who went to this hospital.

57. Of the 1,581 relapsing fever patients admitted, 329 died, giving a mortality rate of 20·80 per cent. The mortality rate from this disease also indicates an annual increase. It was 18·08 per cent. in 1897, 20·80 per cent. in 1898 and 24·37 per cent. in the first five months of the current year. The admissions increased with the increase of plague and decreased with its decline. Its incidence was confined chiefly to Hindus of the lower classes, the number admitted of whom was 2,435 in a gross total of 2,525.

PRIMARY EDUCATION.

58. The Government grant remained the same (Rs. 42,666), but the contribution from the Municipal Fund was Rs. 80,000 against Rs. 72,748 in 1897-98 and Rs. 59,135

in the year previous. The schools again suffered from disorganization caused by plague. As the epidemic rose the numbers declined, and a few schools had for days not a single pupil. Several schools had to be temporarily closed from time to time as a measure of precaution. The only schools that were able to maintain very satisfactory attendance in spite of the plague were the Urdu schools. The report records with regret that the progress of primary education in Bombay has suffered a check in consequence of the successive visitations of plague. Four new day-schools were opened and six night-schools closed for want of attendance. The number of Municipal schools therefore decreased from 81 to 79, but the number of pupils increased from 3,075 to 3,618. Of aided schools there were 86 against 85 in the previous year. In these the numbers fell from 5,912 to 5,860. Of the total number of 9,478 children receiving education in these schools, 6,041 were boys and 3,437 girls. The examination results were on the whole fairly satisfactory.

Municipal Audit.

59. The report of the Municipal Auditors calls for no particular observations. A suggestion is made that in future the report need not contain any remarks on the differences between the actuals of the year under report and those of the preceding year, as these are fully dealt with in the Commissioner's Report. The Standing Committee see no objection to this course being adopted.

Conclusion.

60. In conclusion the Standing Committee would congratulate the Commissioner on his successful administration of the Municipality during another anxious and arduous year.

In accordance with the terms of Section 124 (3) of the Bombay Municipal Act, III of 1888, the Standing Committee direct that all the printed appendices attached to the reports of the several heads of departments, as received from the Commissioner, be circulated with his report for the information of the Corporation.

NANABHAI NAVROSJI KATRAK,
Chairman of the Standing Committee.

22*nd November* 1899.

Annual Administration Report of the Municipal Commissioner for the City of Bombay for the Year 1898-99.

Introductory.

Mr. W. L. Harvey was appointed Municipal Commissioner on the 21st of August 1898, *vice* Mr. P. C. H. Snow, and continued to hold the appointment during the remainder of the year.

2. Below are summarized some of the principal features of the year :—

The Old Race Course Sewerage Works (Gravitation Portion), Improvement of road side drains and provision of water gullies in Khetwadi District, Storm Water Drain in Elphinstone Road and in Wodehouse Road. Storm Water Drain in Lower Colaba Road and Thomas Street, and improvement of road side drains and water courses about Dadar Road were completed.

The Shone system of drainage at Colaba worked with uniform satisfaction during the year and machinery has been obtained for the new Air Compressor Station at Love Grove.

The Worthington engines at Love Grove continued to work efficiently.

House connections and sanitary improvements have been carried out in different parts of the City.

A plot of land comprising 30,390 square yards has been acquired for the extension of the Christian Cemetery at Sewree and also a plot of land at Mahim for a burning and burial ground.

Two bursts in the 32″ and 24″ Vehar Water mains occurred, one at Coorla and the other at the junction of Marol and Andheri Roads; but were speedily controlled and repaired.

3. The health of the City has not been good and the recurrence of plague caused the mortality to be heavy.

4. No circumstance has arisen in any Department of the Municipality in which it was necessary to put into operation the provisions of the Municipal Servants Act.

I. Corporation and Standing Committee.

THE CORPORATION.

5. The Hon'ble Mr. Bhalchandra Krishna Bhatawadekar, L. M., was appointed President of the Corporation at the meeting of the 4th April 1898, and held that appointment until the 31st March 1899.

6. Forty meetings of the Corporation, one attendance of Councillors for the presentation of an address to the Right Honourable George Nathaniel Baron Curzon of Kedlestone,

Viceroy and Governor-General of India, Designate, and forty meetings of Committees of the Corporation were held.

7. The changes in the *personnel* of the Corporation were as follow :—

Mr. C. T. Burke was appointed by Government on the 9th May 1898, in place of the Hon'ble Mr. W. C. Hughes, resigned. Mr. Burke left for Europe on the 4th March 1899 without vacating his seat.

Mr. Chimanlal H. Setalvad was elected by the Justices on the 11th February 1899, in place of Mr. R. H. Vincent, C.I.E., resigned. Mr. Chimanlal left for England on the 25th March 1899 without vacating his seat.

Sir George Cotton proceeded to England on the 21st May 1898 without vacating his seat, and returned on the 3rd December 1898.

Mr. Dost Mahomed Alana died on the 28th March 1899.

Mr. F. Edgelow died on the 11th May 1898, and in his place Mr. A. McKenzie was appointed by Government on the 9th June 1898.

Commander T. G. R. Finny resigned on the 23rd November, and in his place Mr. J. Willcocks was appointed by Government.

Mr. H. G. Gell left for Europe on the 1st March 1898 without vacating his seat, and returned on the 22nd August 1898.

The Hon'ble Mr. Hughes resigned and in his place Mr. C. T. Burke was appointed by Government on the 9th May 1898.

Sir Jamsetjee Jejeebhoy, Bart., C. S. I., died on the 18th July 1898, and in his place Sir Cowasjee Jamsetjee Jejeebhoy, Bart., was appointed by Government on the 2nd August 1898.

Mr. Jaya Karadi Lingu died on the 26th October 1898, and in his place Mr. Sarafali Mamuji was elected by the rate-payers.

Dr. Kaikhosro N. Bahadurji died on the 15th August 1898, and in his place Mr. Manmohandas Ramji was elected by the rate-payers.

Mr. H. Kennedy was appointed by Government on the 18th January 1899, in place of Mr. G. Lund, resigned.

Mr. G. Lund resigned on the 8th January 1899, and in his place Mr. Kennedy was appointed by Government.

Mr. James Macdonald was appointed by Government on the 17th June 1898 in place of Mr. B. Phillips, resigned.

Mr. Manmohandas Ramji was elected by the rate-payers on the 5th September 1898 in place of Dr. K. N. Bahadurji, deceased.

Mr. A. McKenzie was appointed by Government on the 9th June 1898, in place of Mr. F. Edgelow, deceased.

Mr. Nowroji Nusserwanji Wadia, proceeded to Europe on the 17th December 1898.

Mr. B. Phillips resigned on the 16th May 1898, and in his place Mr. J. Macdonald was appointed by Government.

Mr. Sarafali Mamuji was elected on the 1st December 1898 by the rate-payers in place of Mr. Jaya Karadi Lingu, deceased.

Mr. R. H. Vincent resigned on the 5th January 1899, and in his place Mr. Chimanlal H. Setalvad was elected by the Justices.

Mr. J. Willcocks was appointed by Government on the 13th December 1898 in place of Commander T. G. R. Finny, resigned.

THE STANDING COMMITTEE.

8. Mr. Ibrahim Rahimtoola was appointed Chairman of the Standing Committee at the meeting held on the 13th April 1898, and held that appointment throughout the year.

9. There were fifty-six meetings of the Standing Committee and twenty-two meetings of the Sub-Committees thereof.

10. There were one hundred and thirty-five attendances for cheque signing and forty-nine for the audit of the weekly statements of accounts; three other attendances for audit were fixed but not held.

11. The changes in the *personnel* of the Committee were as follows :—

Dr. Kaikhosru N. Bahadurji died on the 15th August 1898, and in his place Mr. K. M. Shroff was elected by the Corporation.

Mr. G. W. Roughton died on the 26th March 1899.

Mr. R. H. Vincent resigned on the 5th January 1899, and in his place Mr. H. Kennedy was appointed by Government.

12. The following is a list of the Municipal Councillors who held office on 31st March 1899 :—

THE HON'BLE MR. BHALCHANDRA K. BHATAWADEKAR, LL.M., *President*, J. P., *R* (D Ward.)

ABDUL HUSSEIN ADAMJI PIRBHAI, Esq., J. P. *R* (C Ward)
ARDASIR FRAMJI UNWALLA, Esq., B.A., *J. P. R* (G Ward)
BADRUDIN BIN ABDULA KUR, Esq., J. P. *R* (C Ward)
BHAGWANDAS NAROTAMDAS, Esq., J. P. *R* (F Ward)
BURKE, C. T., Esq., B.E., M.I.C.E., J. P. *G*
BYRAMJEE NUSSERWANJEE SERVAI, Esq., J. P. *G*
CAMPBELL, H. O., Esq., *G*
CHIMANLAL H. SETALVAD, Esq, B.A., LL.B. J. P. *J*
COTTON, SIR GEORGE, KT., J. P. *C C*
COWASJEE HORMUSJEE, Esq., G.G.M.C., J. P. *J*
CUFFE, T. W., Esq., J. P. *C C*
DARASHAH RATANJI CHICHGAR, Esq., J. P. *J*
D'MONTE, DOMINICK A., Esq., M.D., L.R.C.P. (*London*), L.M. & S., *J. P. J*
DESILVA DIOGO MANUAL, Esq., L. M. & S., *R* (C Ward)
DHAKJI KASHINATHJI, RAO BAHADUR, J. P. *R* (C Ward)
DINSHA BOMANJI MASTER, Esq., L.M. & S., J. P. *J*.
DINSHA EDULJI WACHA, Esq., J. P. *R* (A Ward)
ELAPPA BALARAM, RAO BAHADUR, J. P. *R* (E Ward)
F. SORABJI TALEYARKHAN, Esq., J. P. *J*
FAZALBHAI JUMABHAI LALJI, Esq., *R* (B ward)
FAZALBHAI KARIMBHAI IBRAHIM Esq., *R* (B Ward)
FAZULBHAI VISRAM, THE HON'BLE MR., C.I.E., J. P. *G*
GELL, H. G., Esq., J. P. *J*
GOVERDHUNDAS KHATAV, Esq., J. P. *G*
HARI SITARAM DIKSHIT, Esq., *R* (D Ward)
HASAMBHAI VISRAM, Esq., J. P. *J*
HORMUSJI CURSETJI COORLAWALLA, Esq., J. P. *J*
HORMUSJI SHAPURJI VAKIL, Esq., J. P. *R* (D Ward)
HURKISONDAS, NAROTUMDAS, Esq., J. P. *G*
IBRAHIM RAHIMTOOLA, Esq., J. P. *R* (B Ward), Chairman, Standing Committee
ISMAIL JAN MAHOMED, Esq., L. & M. S., J. P. *R* (B Ward)
JAMSETJI C. JAMSETJI, Esq., J. P. *J*
SIR JAMSETJEE JEJEEBHOY, BART., J. P. *G*
JAMSEDJI KHARSEDJI KAMA, Esq., J. P. *J*
KAIKHOSRO NOWROJI KABRAJI, Esq., J. P. *J*
KALABHAI LALUBHAI, Esq., J. P. *G*
KALIANDAS KESHAVDAS, Esq., B.A., *J. P. R* (A Ward)
KARIMBHAI ADAMJI PIRBHAI, Esq., *R* (G Ward)
KARSANDAS CHABILDAS, Esq., *R* (C Ward)
KAVASJI EDALJI DADACHANJI, Esq., L.M. & S. *R* (D Ward)
K. M. SHROFF, Esq., J. P. *R* (A Ward)
KAZI KABIRUDIN, Esq., *R* (E Ward)
KENNEDY, H., Esq., *G*
KHARSEDJI NASARWANJI WADYA, Esq. *R* (F Ward)
MACDONALD, JAMES, Esq., J. P. *G*
MANMOHANDAS RAMJI, Esq., J. P. *R* (C Ward)
MCKENZIE, A., Esq., J. P. *G*
MIR AUN ALI, Esq., BAR.-AT-LAW, J. P *R* (A Ward)
MIRZA HUSSEIN KHAN, Esq., J. P. *G*.
MULJI BHOVANIDASS BARSHAYA, Esq., J. P. *G*
MULLER, O. V., PROF., M.A., J. P. *U*
NANABHAI NAVROJI KATRAK, Esq., L. M. & S., J. P. *R* (A Ward)
NOWROJEE JEHANGIR GAMADIA, Esq., J. P. *R* (A Ward)
NOWROSJI NUSSERWANJEE WADYA, Esq., C.I.E., J. P. *G*
PESTONJI NASSARWANJI WADIA, Esq., J. P. *J*
PHEROZESHAH M. MEHTA, THE HON. MR., M.A., C.I.E., J. P. *J*
RAHIMTULLA KHAIRAZ, Esq., J. P. *R* (B Ward)
RAHIMTULLA MOHAMED SAYANI Esq., M.A., LL. B., J. P. *G*.
RASTAM K. R. KAMA, Esq., B.A., LL.B. *U*
SARAFALI MAMUJI, Esq., *R* (E Ward)
SORABJI KHARSETJI DHONDI, Esq. *R* (E Ward)
SUNDERNATH D. KHOTE, Esq. *R* (D Ward)
TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq., J. P. *R* (D Ward)
UNDERWOOD, EDWARD, F., Esq., M.A., M.D., F.H.D., F. R.M.S., F.M.S., J. P. *J*
VIEGAS, ACCACIO GABRIEL, Esq., L.M. & S. J. P. *R* (B Ward)
VITHALDAS DAMODAR, Esq., J. P. *R* (C Ward)
VITHALRAO KRISHNAJI VANDEKAR, RAO BAHADUR, J. P. *R* (B Ward)
WILLCOCKS, J., Esq., *G*
HAJI YOOSOF HAJI ESMAIL, Esq., *R* (E Ward)

NOTE.—The letters against the names signify—*R*, that the member was elected by the Ratepayers; *J*, by the Bench of Justices; *C C*, by the Chamber of Commerce; *U*, by the University; and *G*, appointed by Government.

II. Heads of Departments.

13. Mr. H. W. Barrow, the Municipal Secretary, obtained leave on private affairs for six months from the 21st May 1898 during which period Mr. M. N. Wadia was appointed to act as Municipal Secretary. On the 21st November 1898 Mr. Barrow retired on pension and Mr. Wadia was confirmed in the appointment.

14. Mr. C. C. James, the Acting Deputy Executive Engineer, Drainage, obtained 6 months' half pay leave from the 7th May 1898. During his absence Mr. J. W. Smith, Special Drainage Engineer, was in charge of Mr. James' duties.

15. Mr. W. Pearson, Revenue and Refund Audit Officer was on leave from the 3rd August 1898 to 8th October 1898, during which period Mr. R. N. Koyaji acted for the absent incumbent.

16. Mr. C. D. Mahaluxmiwalla, Superintendent of Gardens, was on three months' privilege leave from the 13th March 1899, and Mr. J. M. Doctor, Assistant Superintendent of the Zoological Collection, was appointed to act for him.

17. Mr. W. Nicholls, Chief of Fire Brigade, was on 3 months' privilege leave from 9th April to 8th July 1898, and Mr. G. F. Weston, Head Foreman, acted for him during the period.

18. Mr. Douglas Bennett, Superintendent of Markets and Slaughter Houses, went on privilege leave from 20th July to 19th October 1898. Mr. H. Holmes, Assistant to the Municipal Commissioner, acted for him and Mr. Anandrao Wamon Shete, Head Clerk to the Municipal Commissioner, acted for Mr. Holmes, as Assistant to Commissioner, during the period.

III. Financial.

20. The income and expenditure and the opening and closing balances of the year were as under :—

	Rs.	a.	p.
Opening balance, including recoverable advances, reserve stock, &c., and excluding deposits, unexpended loan balances and minor adjustment items (*vide* page 10 of the Report for 1897-98)	26,25,144	5	5
Revenue (*vide* pages 10 and 80)	71,61,911	7	8
Total available for expense.....	97,87,055	13	1
Spent during the year (*vide* pages 11 and 99)	73,39,025	12	3
Balance.....	24,48,030	0	10

21. Deducting from the above opening balance the sum of Rs. 9,03,586-11-9 advanced for reserve stock and Rs. 5,83,509-8-1 on account of lapsed grants for 1897-98 and previous years proposed to be renewed during the year, the net balance amounted to Rs. 11,38,048-1-7, or Rs. 2,38,048-1-7 more than the estimate. This balance of Rs. 11,38,048-1-7 was, however, inclusive of the net sum of Rs. 8,12,546-4-8 advanced up to 1897-98 for the purchase of frontage lands in the Agripada, &c. Estate, which, for the reasons stated at page 108 of the Report for that year, could no longer be treated as a recoverable asset. Thus the net opening balance amounted to Rs. 3,25,501-12-11.

22. Against the original Budget Estimate of Rs. 72,27,600 the actual income for the year amounted to Rs. 71,61,911-7-8 or Rs. 65,688-8-4 less than the estimate. The decrease was chiefly under the heads Halalkhore Tax, Wheel Tax and Tolls and Market Receipts. The actuals were, however, better than the revised estimate by Rs. 73,511-7-8 owing principally to higher realizations from Town and Tobacco Duties.

23. As compared with the income for 1897-98, which amounted to Rs. 67,08,505-8-4 (excluding the rebate of Rs. 4,37,055-0-1 on account of plague expenses), the actuals for 1898-99 showed a net increase of Rs. 4,53,405-15-4 obtained chiefly on the General Tax, Water Tax and Town Duties.

24. The total grants sanctioned for expenditure during the year amounted to Rs. 88,65,049-8-11, as shown below :—

	Rs.	a.	p.
As per original Budget Estimate	72,54,300	0	0
Lapsed grants for 1897-98 and previous years renewed in 1898-99...	5,20,069	14	11
Additional grants sanctioned (including Rs. 8,12,546-4-8 for writing off the net amount advanced for the purchase of frontage lands in the Agripada, &c., Estate)	10,90,679	10	0
Total sanctioned (*vide* pages 11 and 91)...	88,65,049	8	11
Deduct—Spent (*vide* pages 11 and 99)	73,39,025	12	3
Balance (expenditure less than sanctioned, *vide* pages 11 and 99)	15,26,023	12	8

25. Of the above unexpended balance of Rs. 15,26,023-12-8, a sum of Rs. 8,19,471-2-11 is proposed to be renewed in 1899-1900, leaving a net saving of Rs. 7,06,552-9-9, of which Rs. 5,36,915 were anticipated at the time of preparing the Budget Estimate for 1899-1900, and consequently appropriated in that Budget. Thus the net unappropriated saving amounted to Rs. 1,69,637-9-9. It will be noticed that the amount of lapsed grants renewed in 1899-1900 is unusually large, but the reason of this is explained at page 100 of the Chief Accountant's Report.

26. Out of the closing balance of Rs. 24,48,030-0-10 shown in para. 20 *ante*, the amount actually available at the end of the year for further requirements was Rs. 6,53,004-6-1 as shown below :—

		Rs.	a.	p.
Closing balance as shown in para. 20		24,48,030	0	10
Less—Lapsed grants for 1898-99 and previous years proposed to be renewed in 1899-1900	Rs. 8,19,471 2 11			
Value of reserve stock	„ 8,75,554 7 10			
		16,95,025	10	9
		7,53,004	6	1
Less—Minimum cash balance required by law...		1,00,000	0	0
Net balance as shown at page 111 of the Chief Accountant's report		Rs. 6,53,004	6	1

27. The expenditure for 1898-99 was higher than that of the preceding year by Rs. 2,79,111-9-6. The increase was principally under Public Health Department and Municipal Debt.

28. The main heads of Revenue and Expenditure for 1898-99 as compared with the Budget estimates and also with the actuals for the preceding year are shown in the following tables A and B :—

A.

REVENUE.

ITEMS.	Actuals for 1897-98.	Estimate for 1898-99.	Actuals for 1898-99.	Actuals for 1898-99 as compared with actuals for 1897-98.		Actuals for 1898-99 as compared with estimates for 1898-99.		Actuals for 1898-99 as compared with estimates for 1898-99.	
				More.	Less.	More.	Less.	More.	Less.
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Property Taxes—	At 8¼ per cent.	At 9¼ p. c.	At 9¾ per cent.						
General Tax ...	20,56,286 1 11	22,27,500	22,24,318 12 1	1,67,927 10 2	.....	.....	.....	.....	3,236 3 11
Water Tax and other Miscellaneous Water Works Revenue.	13,29,351 15 7	14,99,000	15,00,970 7 2	1,71,118 7 7	.....	1,970 7 2	.....	.....	.....
Halalkhor Tax, including receipts for special service ...	7,35,465 4 7	7,35,700	7,13,122 2 8	.....	22,363 1 11	.....	.....	22,577 13 4	
Wheel Tax and Toll Fees ...	3,46,837 15 3	3,65,500	3,39,196 9 7	.....	7,641 5 8	.....	.....	26,303 6 5	
Town Duties	9,61,424 1 1	11,05,000	11,17,161 2 4	1,55,737 1 3	.....	12,161 2 4	.....	.....	
Receipts from Government for Liquor Licenses and Tobacco Duty	3,53,073 6 9	3,45,000	3,52,394 4 10	19,320 14 1	.....	7,394 4 10	.....	.....	
Market Receipts	3,47,587 11 9	3,87,650	3,60,386 4 6	12,848 8 9	.....	.....	.....	27,263 11 6	
Returns from other Property and Miscellaneous ...	6,08,008 15 5	5,62,250	5,54,566 12 6	.....	53,442 2 11	.....	.....	7,683 3 6	
Total ...	*87,08,505 8 4	72,27,600	71,61,911 7 8	5,36,852 9 10	83,446 10 6	21,425 14 4	.....	87,114 6 8	
			Deduct—Less ...	83,446 10 6		*Deduct*—More.		21,425 14 4	
			Net Increase Rs.	4,53,405 15 4		Net Decrease Rs.		65,688 8 4	

* Excluding Rs. 4,97,065-0-1 on account of rebate to Current Revenue in respect of Plague Expenses paid from Revenue in 1896-97, which has been shown in Statement **B** by a deduction from the expenditure, *vide* page 11.

B

EXPENDITURE.

Charges debitable to current revenue exclusive of advances and other adjustment items.	Actuals for 1897-98.	Estimate for 1898-99.	Actuals for 1898-99.	Actuals for 1898-99 as compared with the actuals for 1897-98.		Actuals for 1898-99 as compared with the estimates for 1898-99.	
				More.	Less.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
General Superintendence	2,14,791 13 5	2,49,777 5 6	2,10,380 3 0	.....	4,411 10 5	...	39,397 2 6
Assessment and Collection Department.	2,50,487 8 6	2,79,464 0 7	2,57,182 1 9	6,694 9 3	.....	...	22,281 14 10
Fire Brigade	1,18,507 12 0	1,21,277 7 4	1,09,076 4 5	.....	9,431 7 7	...	12,201 2 11
Public Gardens	71,446 12 0	99,307 7 4	74,958 12 9	3,512 0 9	.....	...	24,348 10 7
Public Works, Ordinary	14,70,809 7 5	17,95,147 9 3	13,55,094 5 1	.....	1,15,715 2 4	...	4,40,053 4 2
Do. New	1,39,577 4 7	1,63,997 1 3	64,521 4 5	.....	75,056 0 2	...	99,475 12 10
Public Health Department	15,86,632 15 1	21,48,069 15 5	16,89,174 6 0	1,02,541 6 11	.....	...	4,58,895 9 5
Municipal Debt	22,60,571 4 6	27,67,273 8 4	24,81,137 15 11	2,20,566 11 5	.....	...	2,86,135 8 5
Police	5,00,000 0 0	5,01,153 4 9	5,01,012 12 5	1,012 12 5	.....	...	140 8 4
Education	1,02,623 10 8	1,17,835 3 2	1,14,776 3 7	12,152 8 11	.....	...	3,058 15 7
Hospitals and Dispensaries	54,233 8 2	57,000 0 0	55,200 15 8	967 7 1	.....	...	1,799 0 9
Pensions, Gratuities and Compassionate Allowances	70,096 0 7	60,801 8 11	56,866 0 8	.....	13,229 15 11	...	3,935 8 3
Miscellaneous	1,57,191 1 11	71,483 12 5	57,098 2 4	.....	1,00,092 15 7	...	14,385 10 1
Plague Expenses	5,00,000 0 0	.....	.....	.....	5,00,000 0 0	...	.....
Total...	74,96,969 2 10	84,32,588 4 3	70,26,479 7 7	3,47,447 8 9	8,17,937 4 0	...	14,06,108 12 8
Less—Rebate on account of Plague expenses incurred in 1897-98 from current revenue and work done for private parties	(a) 4,37,055 0 1	3,80,085 0 0	(b) 5,00,000 0 0	62,944 15 11	.....	1,19,915	.....
Total...	70,59,914 2 9	80,52,503 4 3	65,26,479 7 7	2,84,502 8 10	8,17,937 4 0	1,19,915	14,06,108 12 8
				Less Increase....	2,84,502 8 10	*Add* more rebate.	1,19,915 0 0
Add—Net amount advanced up to 1897-98 on account of the purchase of frontage lands in the Agripada, &c. estate—written off .....Rs.	.....	8,12,546 4 8	8,12,546 4 8	8,12,546 4 8	5,33,434 11 2		15,26,023 12 8
	70,59,914 2 9	88,65,049 8 11	73,39,025 12 3	8,12,546 4 8	5,33,434 11 2	...	15,26,023 12 8
			Deduct Less....	5,33,434 11 2			
				2,79,111 9 6			
Loan Works	29,13,192 8 10	.....	20,22,955 4 7				
Rs....	99,73,106 11 7	.....	93,61,981 0 10				

(a) This was the amount of rebate on account of plague expenditure met from Revenue in 1896-97.
(b) Do. do. do. do. do. 1897-98.

29. The causes of the variations between the original budget and revised estimates and the actuals of the income and expenditure for the year have been fully explained in the Chief Accountant's Report. Brief explanations of the causes of the variations between the actuals of the year under report and those of the preceding year are given below :—

INCOME STATEMENT **A.**

General Tax.—The increase of Rs. 1,67,927-10-2 is due to the tax having been increased from 8½ per cent. to 9½ per cent. The increase would have been considerably more, had not the outstandings for previous years collected in 1898-99 been less than those collected in the preceding year by over Rs. 75,000.

Water Tax and other Miscellaneous Water Works Revenue.—The increase of Rs. 1,71,118-7-7 is due to the change in the system of charging for water supplied by meter measurement sanctioned in Standing Committee's Resolution No. 1644, dated 12th May 1897, under which the collections of the bills for water supplied by meter measurement during the last quarter of 1897 were deferred until 1898-99.

Halalkhore Tax.—The recovery of larger outstandings in 1897-98 account for the decrease of Rs. 22,363-1-11 under this head.

Wheel Tax and Tolls.—Out of the total decrease of Rs. 7,641-5-8 under this head, Rs. 2,450-3-8 are under Private Conveyances, Rs. 4,467-2-0 under Public Conveyances and Rs. 724-0-0 under Toll Fees.

Town Duties.—The increase of Rs. 1,65,737-1-3 under this head can be attributed to the increase in the duties on grain, firewood and ghee.

Receipts from Government for Tobacco Duty.—The increase of Rs. 19,220-14-1 under this head can only be attributed to a larger consumption of tobacco.

Market Receipts.—The larger realizations of slaughter fees, and stall rents account for the increase of Rs. 12,848-8-9.

Returns from other Property and Miscellaneous.—The decrease of Rs. 53,442-2-11 is entirely under Miscellaneous Receipts and Investments of Surplus Loan and other Balances. The decrease under the former head is due to less realizations from sale of land and materials, rent

of reclamation grounds at different places and sale of rights of cutting grass, collecting fruits, &c. That under the latter head is due to a large reduction in our invested balances.

EXPENDITURE STATEMENT B.

General Superintendence.—The non-recurrence in 1898-99 of the charges paid in 1897-98 on account of the Deputy Commissioner's salary would have shown a decrease of Rs. 18,000. But owing to the payment in 1898-99 of the late Commissioner's salary at the increased rate of Rs. 3,000 per mensem from 6th April 1898 and of the Acting Commissioner's salary for 3 months at Rs. 2,500 per mensem and of a larger amount of law charges, the decrease is reduced to Rs. 4,411-10-5.

Assessment & Collection Department.—The increase of Rs. 6,694-9-3 is due to the payment of bonus to the members of the Assessment and Collection Department for special services rendered during the Plague epidemic and to the payment of larger commission charges for the collection of Town Duties.

Fire Brigade.—The decrease of Rs. 9,431-7-7 is principally due to charges for two years for clothing having been paid in 1897-98, whereas none were paid in 1898-99, to arrear telephone connection charges and higher rates of food stuffs having been paid in the former year.

Public Gardens.—The increase of Rs. 3,512-0-9 is chiefly due to the bills for the charges for water supply during the last quarter of 1897 having been preferred and adjusted in 1898-99.

Public Works, Ordinary.—The large decrease of Rs. 1,15,715-2-4 is principally under Water Works Maintenance, and Roads, Footpaths, &c. That under the first head is attributable to heavy repairs executed to the Tansa Main embankment in 1897-98 and to the non-recurrence in 1898-99 of the expenditure on the reconstruction of a portion of the Tansa Duct at the end of the 45th mile. That under the second head is due to no expenditure having been incurred in 1898-99 on paving foot-paths and to the repairs of some of the roads in the City having been deferred for some time owing to financial pressure.

Public Works, New.—The large outlay incurred in 1897-98 on the purchase of the electrolizers and setting them up, cost of the old boiler house, &c., at Love Grove taken over by the Drainage Department, plastering and pointing with Indian patent stone the walls of the settling basin at the

Bhandarwada Reservoir and making improvements to the chawls at the Bandora Slaughter Houses account for the decrease of Rs. 75,056-0-2.

Public Health Department.—The increase of Rs. 1,02,541-6-11 is due to the Health Department Reorganization Scheme having been partially brought into force from November 1898 and to more efficient arrangements having been made for the conservancy of the City.

Municipal Debt.—The increase of Rs. 2,20,566-11-5 is solely due to the payment of interest to the Bank of Bombay on the temporary Loans of Rs. 35 lakhs taken up from the Bank.

Police.—The carrying out of certain additions and alterations to the Byculla Police Quarters and the Girgaum Police Station accounts for the increase of Rs. 1,012-12-5.

Education.—The increase of Rs. 12,152-8-11 is due to the enhancement in the Municipal contribution towards primary education, to the insurance of the Victoria and Albert Museum Building and its contents and to certain structural alterations, &c., having been executed to the Museum building.

Hospitals and Dispensaries.—The increase of Rs. 967-7-1 is due to the unexpended balance of the Municipal contribution towards the Gokuldas Tejpal Hospital refunded by Government in 1898-99 being less than that refunded in the preceding year.

Pensions, Gratuities and Compassionate Allowances.—The payment in 1897-98 of a large amount of compassionate allowances to the widows and children of deceased Municipal Officers and Servants accounts for the reduction of Rs. 13,229-15-11 under this head.

Miscellaneous.—The payments made in 1897-98 of grain compensation to peons, &c., Workshops ground rent and telephone charges for 1895-96 and 1896-97, cost of illuminating and enclosing an address to Her Imperial Majesty the Queen Empress on the occasion of the Diamond Jubilee and the expenses of the General Election of Councillors account for the increase of Rs. 1,00,092-15-7.

Plague Expenses.—The sum of Rs. 5 lakhs debited to current revenue in 1897-98 was adjusted against Loan, &c., Funds in 1898-99 and hence a decrease under this item.

The last item of Rs. 8,12,546-4-8 on account of the write-off of the net amount advanced for the purchase of frontage lands in the Agripada, &c., estate needs no explanation.

30. The following statement shows the net Revenue and net Expenditure for 1898-99 and the preceding year as required in the Standing Committee's Resolution No. 12212, dated 2nd February 1892 :—

Particulars.	1897-98. Rs. a. p.	1898-99. Rs. a. p.
Net Revenue after deducting Refunds, Drawbacks and Charges in respect of Assessment and Collection and granting of Refunds.	At 8 per cent.	At 9 per cent.
General Tax	18,56,904 1 2	20,17,727 8 2
Fire Tax	.....	3,425 10 8
Wheel Tax and Tolls	3,31,382 14 10	3,30,320 9 7
Town Duties	8,88,658 4 1	10,51,777 1 10
Receipts from Government for Liquor Licenses and Tobacco Duty	3,33,073 6 9	3,52,294 4 10
Market Receipts	1,96,966 8 11	1,90,760 5 1
Returns from other Property and Miscellaneous	1,72,384 2 5	2,42,377 10 1
Net Receipts...Rs.	37,79,369 6 2	41,88,683 2 3
Deficit ... ... Rs.	3,51,408 10 5	1,77,114 4 7
	41,30,778 0 7	43,65,797 6 10
Net Expenditure after deducting Receipts.		
General Superintendence	1,87,136 0 11	1,83,762 14 4
Fire Brigade	2,073 7 10	.....
Public Gardens	65,502 8 10	69,532 3 8
Public Works (Engineer's Department, excluding Water Works)...	11,68,451 13 1	10,95,248 3 4
New Works (excluding Water Works) ...	1,12,295 10 0	61,424 7 8
Water Works (including Debt and New Works)	3,34,580 2 2	78,143 11 4
Public Health Department (excluding Markets)	6,34,367 2 6	7,52,355 4 1
Municipal Debt (excluding Water Works).	7,31,726 13 2	10,81,271 11 0
Police	5,00,000 0 0	5,01,012 12 5
Education	1,02,620 6 1	1,14,779 8 2
Hospitals, &c.	54,233 8 2	55,200 15 3
Pensions, Gratuities and Compassionate Allowances...	51,132 13 5	37,865 11 0
Plague expenses	5,00,000 0 0	.....
Net amount advanced for the purchase of frontage lands in Agripada, &c., estate written off...	.....	8,12,546 4 8
Miscellaneous...	1,23,712 10 6	22,653 11 11
	45,67,833 0 8	48,65,797 6 10
Less—Rebate to current revenue on account of plague expenses paid from revenue in 1896-97 and 1897-98 ...	4,37,055 0 1	5,00,000 0 0
Net Expenditure... Rs.	41,30,778 0 7	43,65,797 6 10

* As the receipts are more than the expenditure, they have been shown under Revenue.

31. The expenditure incurred during the last five years on the principal loan works in progress is exhibited in the following table :—

Works.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.	TOTAL.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Tanks	44,259 2 1	6,101 4 3	9,468 14 4	761 15 2	6,480 6 5	67,061 10 3
Other Water Works	68,968 3 1	2,34,523 8 10	46,481 0 6	72,460 9 9	12,184 6 2	4,37,267 13 4
Sewerage Works	6,50,033 12 7	5,76,518 9 3	4,67,321 2 8	4,87,385 1 0	4,46,474 10 4	26,27,678 3 3
Markets	(Cr. 16,604 2 4	67,286 14 5	49,339 8 13	41,916 6 0	4,717 4 9	1,80,765 15 9
Roads	2,87,211 6 2	(Cr. 21,080 1 5	89,131 14 11	1,20,539 12 8	(Cr.6,87,209 4 10*	(Cr. 2,61,286 5 6
Minor and other Sanitary, &c., Works	2,27,459 13 7	2,37,514 2 2	61,171 13 6	4,27,290 0 8	4,70,765 4 10	14,14,154 2 9
Plague Expenses	.....	.....	.....	17,62,886 11 7	17,69,593 8 11	35,32,408 4 6
Total ..Rs.	12,12,166 2 2	10,54,879 5 5	7,14,854 6 10	29,13,192 8 10	20,23,955 14 7†	79,48,049 11 10

* Credit on account of the net amount advanced for the purchase of frontage lands in Agripada, &c., estate—written off .. .. .. Rs. 6,12,546 4 8
Less—Expenditure incurred in 1898-99 .. ..

32. It will be seen from the foregoing statement that the expenditure on Plague Operations up to the close of 1898-99 (including recoveries already made from Government on account of expenditure incurred on their behalf) amounted to Rs. 35,32,408-4-6. In addition to the payments made by Government in respect of the charges payable by them, they have paid to the Municipality provisional grants aggregating Rs. 14½ lakhs towards the plague expenditure. This sum has not been credited to plague expenses pending the settlement of the question of the division of such expenses between Government and the Municipality.

33. The following statement exhibits the total Assets and Liabilities at the end of the year :—

ASSETS.

	Rs. a. p.	Rs. a. p.
I.—Balance and Investments—		
(1) Cash balance in the Office and Bank Treasuries (*vide* pages 221 & 226)	10,56,879 9 11	
(2) Invested Surplus Cash Balance, &c. (*vide* page 227)	17,81,102 6 9	
(3) Invested Sinking Fund (*vide* page 228) ...	22,62,415 4 8	
(4) Invested Municipal Buildings Fire Insurance, Renewal of Water Mains, Net Premia, &c., and School Building Funds (*vide* page 227)	7,21,410 11 2	
(5) Contractors, &c., deposits in Government and other Securities (*vide* page 228) ...	1,90,000 0 0	
		60,11,808 0 6
II.—Advances, Departmental, and to Contractors (*vide* page 227)		2,18,660 15 8
	Carried over ...Rs.	62,30,469 0 2

	Rs.	a.	p.	Rs.	a.	p.
Brought forward ...Rs.				62,30,469	0	2
III.—Municipal Property—						
(1) Land and Buildings, Tulsi, Vehar, Pawai, and Tansa, &c., Water Works	3,98,94,021	3	5*			
(2) Roads, Bridges & other improvement works...	1,18,41,586	11	11*			
	5,17,35,607	15	4			
(3) Reserve Stock (*vide* page 228)	8,75,554	7	10			
				5,26,11,162	7	2
Total Assets...				Rs. 5,88,41,631	7	4
Deduct—Total Liabilities ...				„ 4,38,08,328	7	2
Value of Assets over Liabilities...				Rs. 1,50,33,303	0	2

LIABILITIES.

	Rs.	a.	p.
I.—By various Loans (*vide* page 225)	4,18,54,457	2	0
II.—Deposits by Contractors, &c. (*vide* page 225)...	4,86,001	5	6
III.—Adjustment item reserved for Loan Works Establishment (*vide* page 225)	17,869	15	8
IV.—Government Provisional Plague Contribution (*vide* page 225)	14,50,000	0	0
Total Liabilities ...	Rs. 4,38,08,328	7	2

*For the details of these two items, aggregating Rs. 5,17,35,607-15-4, *vide* pages 228 to 241.

34. The following statement exhibits the financial position at the beginning and end of the year, respectively, with regard to the various loans raised from the public and Government :—

			For 1 & 6.	Rs.	a.	p.
	LOANS RAISED FROM GOVERNMENT.					
1	Vehar Water Works Debt	4 per cent.		3	0	0
	LOANS RAISED FROM THE PUBLIC.					
2	Drainage Loan of 1878 (Rs. 26,94,000)	5 per cent.		0	0	0
3	The Sanitary Works Loan of 1885-86 (44 Lakhs)	5 „		0	0	0
4	The Sanitary Works Loan of 1888 (7 Lakhs)	5 „		7	8	0
5	The Tansa Water Works Loan (147 Lakhs)	5 „		5	0	0
6	The Drainage and Water Works Loan of 1888 (12 Lakhs)	5 „		0	0	0
7	The Miscellaneous Works Loan of 1888-89 (Drainage and Water Works, Markets and Roads) of Rs. 10,08,500	5 „		7	8	0
8	Agripada House Sullage Water Connections Loan of Rs. 2,48,000 of 1889 and 1890	5 „		0	0	0
9	35 Lakhs Various Sanitary Works Loan of 1890 and 1891	5 „		0	0	0
10	Municipal Building Loan of 1891 (8 Lakhs)	5 „		0	0	0
11	Loan of 4½ Lakhs for Fire Brigade Quarters and Stations	4 „		0	0	0
12	Loan of 42 Lakhs for repayment of the Balance of the 4½ per cent. Government Consolidated Loan	4 „		0	0	0
13	Loan of Rs. 23¼ Lakhs for Drainage and other Works	4 „		4	8	8
14	Loan of Rs. 15¾ Lakhs for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st Instalment)	3½ „		0	0	0
15	Temporary loan of Rs. 15 Lakhs (part of 25 Lakhs Loan)	One per cent. below the Bank of Bombay's ruling rates, subject to a minimum of 4 p.c.		5	3	
16	20 Lakhs Temporary Loan for Plague expenses			10	0	
	66,040 10 9	4,18,54,457 2 0	20,71,118 12 9	c 21,37,159	7	6

Remarks.

(a) The amount of bonds stipulated to be paid off on 1st January 1899 was Rs. 56,000, which, together with 18 unpaid bonds for Rs. 500 each, for the preceding years, aggregated Rs. 64,000, out of which Rs. 53,000 were paid off during 1898-99, leaving an unpaid balance of Rs. 11,000, which will be repaid when the holders apply for payment.

(b) As, under the terms of these Loans, the bonds could not be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been invested as under :—

I.—5 PER CENT. LOANS.	Amount of Sinking Fund invested up to 1897-98.	Balance of Debt Instalments for 1898-99.	Interest accumulations for 1898-99.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
44 Lakhs Sanitary Works Loan	5,59,689 5 6	30,550 0 0	27,708 9 9	6,17,947 15 3
7 do. Sanitary Works Loan	75,192 15 2	6,000 0 0	3,659 0 5	84,851 15 7
12 do. Drainage and W. W. Loan	1,36,641 15 5	11,000 0 0	6,683 15 8	1,54,225 16 1
Tansa Water Works Loan of 147 Lakhs	2,67,393 7 11	42,000 0 0	15,229 5 10	3,44,622 13 9
Loan of Rs. 10,08,500 for Miscellaneous Works	95,473 4 9	8,500 0 0	4,778 13 7	1,08,852 2 4
Agripada House Sullage Water Connections Loan of Rs. 2,48,000	22,869 1 4	2,400 0 0	1,091 5 1	26,360 6 5
35 Lakhs Various Sanitary Works Loan	2,39,024 7 5	29,000 0 0	11,116 1 6	2,79,140 8 11
Municipal Building Loan of 8 Lakhs	48,605 6 10	7,000 0 0	2,581 4 0	58,186 10 10
Total I ... Rs.	14,64,790 0 4	1,36,550 0 0	72,848 7 10	16,74,188 8 2
		2,09,398 7 10		
In 5 % Municipal Debentures at par lodged with the Bank of Bombay	16,64,500 0 0	+ 2,09,500 0 0	—	(f) 16,74,000 0 0
Cash deposited with the Bank of Bombay	290 0 4	— 101 8 2	—	188 8 2
II.—4 PER CENT. LOANS.				
Fire Brigade Quarters and Stations Loan of 4½ Lakhs	43,786 9 6	8,100 0 0	1,709 4 4	53,595 13 9
42 Lakhs Loan for repayment of the Balance of Government Consolidated Loan	3,27,034 1 2	75,500 0 0	14,501 4 2	4,17,035 5 4
23¼ Lakhs Loan for Drainage and other works	51,795 7 3	24,900 0 0	2,533 6 4	79,228 13 7
15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground &c., and certain Water Works (2nd instalment)	.....	6,160 0 0	110 11 2	6,270 11 2
Total II .. Rs.	4,22,616 1 10	1,14,660 0 0	18,854 10 0	5,56,130 11 10
In 4 % Municipal Debentures at par lodged with the Bank of Bombay	4,22,500 0 0	+ 1,33,601 4 0	—	(g) 5,56,101 4 0
Cash deposited with the Bank of Bombay	116 1 10	— 86 10 0	—	29 7 10
III.—3½ PER CENT. LOANS.				
15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment) ... III..Rs..	19,191 8 8	12,040 0 0	864 8 0	32,096 0 8
		12,904 8 0		(h)
In 3½ % Government Paper lodged with the Bank of Bombay	18,984 6 0	+ 12,649 11 0	—	31,634 1 0
Cash deposited with the Bank of Bombay	207 2 8	+ 254 13 0	—	461 15 8
Grand Total.. I, II & III ..Rs.	19,06,597 10 10	2,63,250 0 0	92,567 9 10	22,62,415 4 8
		3,55,817 9 10		

(c) These loans were stipulated to be paid off on 31st August 1898 but were subsequently renewed up to [illegible] Rs. 3,55,817-9-10 set apart as Sinking Fund during 1898-99, the total disburse[illegible]ment for that [illegible]unted to Rs. 4,21,858-4-7.

(e) If the sums of Rs. 3,55,817-9-10 set apart on account of Sinking Fund and Rs. 14,460-14-7 on account of Bank's commission, &c., charges on different Loans were added, the total payments on account of debt would aggregate Rs. 25,07,437-15-11, of which Rs. 25,300 are chargeable to Fire Brigade.

(f) Includes Municipal Debentures for Rs 12,000 purchased in 1898-99 at 114 per cent., the Premia on which amounting to Rs. 1,680 were paid from the Net Premia, &c., Fund.

(g) Includes Municipal Debentures and Port Trust Bonds for the aggregate sum of Rs. 1,81,500 purchased in 1896-97 and 1897-98 at rates varying from 104 per cent. to 114¼ per cent., the total Premia amounting to Rs. 16,920 being met from the Premia, &c., Fund.

(h) Includes 3½ per cent. Government Paper for Rs. 18,500 purchased at 102½ per cent. on 8th July 1897, the premium on which amounting to Rs. 393-2-0 was met from the Premia, &c., Fund.

	Rs.	a.	p.	Rs.	a.	p.
Brought forward ...Rs.				62,30,469	0	2
III.—Municipal Property—						
(1) Land and Buildings, Tulsi, Vehar, Pawai, and Tansa, &c., Water Works	3,98,94,021	8	5*			
(2) Roads, Bridges & other improvement works...	1,18,41,586	11	11*			
	5,17,35,607	15	4			
(3) Reserve Stock (*vide* page 228)	8,75,554	7	10			
				5,26,11,162	7	2
Total Assets...			Rs.	5,88,41,631	7	4
Deduct—Total Liabilities ...			„	4,38,08,328	7	2
Value of Assets over Liabilities...			Rs.	1,50,33,303	0	2

LIABILITIES.

	Rs.	a.	p.
I.—By various Loans (*vide* page 225)	4,18,54,457	2	0
II.—Deposits by Contractors, &c. (*vide* page 225)...	4,86,001	5	6
III.—Adjustment item reserved for Loan Works Establishment (*vide* page 225)	17,869	15	8
IV.—Government Provisional Plague Contribution (*vide* page 225)	14,50,000	0	0
Total Liabilities ... Rs.	4,38,08,328	7	2

*For the details of these two items, aggregating Rs. 5,17,35,607-15-4, *vide* pages 228 to 241.

34. The following statement exhibits the financial position at the beginning and end of the year, respectively, with regard to the various loans raised from the public and Government :—

	LOANS RAISED FROM GOVERNMENT.	Balance due on 1st April 1898.	Amount required in 1898-99.	Total.	Amount repaid up to 1898-99.	Balance due on 31st March 1899.	Interest charges in 1898-99.	No. of Tanks commanded & ac.	Remarks.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		
1	Vehar Water Works Debt.....	25,33,297 13 9	.....	25,33,297 13 9	15,66,10 9	9,15,187 2 0	1,00,288 5 8	1,13,870 0 0	(a) The amount of bonds originally to be paid off on 1st January 1900 was Rs. 15,00,0, which, together with Municipal bonds, for Rs. 100 each, for the succeeding years, aggregated Rs. 15,00,0, out of which the bonds for Rs. 11,000 have been paid off, leaving an unpaid balance of Rs. 11,000, which will be repaid when the holders apply for payment.
	4 per cent.								(b) An under-lien exists on these Loans, the funds would not be repaid to the holders before the Loans advanced by the Government.
2	Drainage Loan of 1878 (Rs. 23,94,000)	25,31,000 0 0	.....	20,31,000 0 0	(c) 15,000 0 0	19,16,000 0 0	1,01,300 0 0	1,54,300 0 0	
3	The Sanitary Works Loan of 1880-81 (44 Lakhs).....	37,20,000 0 0	.....	37,20,000 0 0	(c)	37,20,000 0 0	1,80,950 0 0	3,01,450 0 0	
4	The Sanitary Works Loan of 1884 (7 Lakhs)	7,00,000 0 0	.....	7,00,000 0 0	(c)	7,00,000 0 0	42,427 0 0	56,473 4 0	
5	The Tansa Water Works Loan (24 Lakhs)	24,00,000 0 0	.....	24,00,000 0 0	(c)	24,00,000 0 0	1,47,00,000 0 0	7,93,875 0 0	
6	The Drainage and Water Works Loan of 1886 (15 Lakhs)	12,00,000 0 0	.....	12,00,000 0 0	(c)	12,00,000 0 0	15,00,000 0 0	69,400 0 0	
7	The Miscellaneous Works Loan of 1886-87 (Drainage and Water Works, Markets and Roads) of Rs. 15,00,000	10,08,800 0 0	.....	10,08,800 0 0	(c)	10,08,800 0 0	10,68,800 0 0	59,287 8 0	
8	Agripada Town Sullage Water Connections Loan of Rs. 2,45,000 of 1888 and 1889.....	2,45,000 0 0	.....	2,45,000 0 0	(c)	2,45,000 0 0	12,400 0 0	21,400 0 0	
9	33 Lakhs Various Sanitary Works Loan of 1890 and 1891	25,00,000 0 0	.....	25,00,000 0 0	(c)	25,00,000 0 0	1,25,000 0 0	2,16,383 0 0	
10	Municipal Building Loan of 1891 (8 Lakhs).....	8,00,000 0 0	.....	8,00,000 0 0	(c)	8,00,000 0 0	40,000 0 0	43,000 0 0	
11	Loan of 45 Lakhs for Fire Brigade Quarters and Stations	4,50,000 0 0	.....	4,50,000 0 0	(c)	4,50,000 0 0	18,000 0 0	18,000 0 0	
12	Loan of 45 Lakhs for repayment of the balance of the 4½ per cent. Government Guaranteed Loan	45,00,000 0 0	.....	45,00,000 0 0	(c)	45,00,000 0 0	2,25,000 0 0	2,25,750 0 0	
13	Loan of Rs. 23½ Lakhs for Drainage and other Works	23,25,000 0 0	.....	23,25,000 0 0	(c)	23,25,000 0 0	93,774 8 8	93,774 8 8	
14	Loan of Rs. 1½ Lakhs for Sewerage, West Bunder, Mahim Causeway, Burial Ground and certain Water Works	10,06,000 0 0	.....	10,06,000 0 0	(c)	10,06,000 0 0	50,000 0 0	1,25,840 5 3	
15	Temporary loan of Rs. 15 Lakhs (part of 25 Lakhs Loan).	15,00,000 0 0	.....	15,00,000 0 0	(c)	15,00,000 0 0	1,25,840 5 3	1,25,840 5 3	
16	20 Lakhs Temporary Loan for Plague expenses.....	12,00,000 0 0	8,00,000 0 0	20,00,000 0 0	(c)	20,00,000 0 0	1,00,000 0 0	1,00,000 0 0	
	GRAND TOTAL ... Rs.	241,30,297 13 9	8,00,000 0 0	1,13,30,297 13 9	(d) 46,66 10 9	4,15,64,487 2 0	20,71,118 12 9	e 21,21,990 4 0	

	Amount of Bonds issued.	Balance of Bonds held by Public.	Amount of Bonds held by Government.	Interest charges.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
I.—5 Per Cent. Loans.					
44 Lakhs Sanitary Works Loan	3,00,000 0 0	2,99,400 0 0	600 0 0	15,000 0 0	
12 do. Drainage and Water Works Loan	1,00,000 0 0	99,800 0 0	200 0 0	5,000 0 0	
Tansa Water Works Loan of 24 Lakhs	2,00,000 0 0	1,99,600 0 0	400 0 0	10,000 0 0	
15 Lakhs Drainage and Water Works.	1,00,000 0 0	99,800 0 0	200 0 0	5,000 0 0	
Agri. Pada Sullage Water Connections.	25,000 0 0	24,950 0 0	50 0 0	1,250 0 0	
Municipal Building Loan of 8 Lakhs	80,000 0 0	79,840 0 0	160 0 0	4,000 0 0	
Fire Brigade Quarters and Stations	45,000 0 0	44,910 0 0	90 0 0	2,250 0 0	
Balance of Government Guaranteed Loan	45,00,000 0 0	44,91,000 0 0	9,000 0 0	2,25,000 0 0	
Drainage and Conservancy and certain Water Works Loan	23,25,000 0 0	23,20,350 0 0	4,650 0 0	1,16,250 0 0	
Sewerage, West Bunder, Burial Ground &c., Roads, Mahim Causeway and certain Water Works Loan (estimated)	11,75,000 0 0	11,72,650 0 0	2,350 0 0	58,750 0 0	
Total I ... Rs.	4,87,25,000 0 0	4,86,39,300 0 0	97,700 0 0	24,37,500 0 0	
II.—4 Per Cent. Loans.					
In 5 % Municipal Debentures as per Loans specified with the Bank of Bombay	4,72,000 0 0	4,72,000 0 0	.....	+ 2,18,800 4 0	
Cash deposited with the Bank of Bombay	118 1 10	118 1 10	.....	29 10 0	
III.—3½ Per Cent. Loans.					
142 Lakhs Loan for Sewerage, West Bunder, Burial Ground and certain Water Works (estimated)	10,121 1 8	10,121 1 8	.....	354 4 0	
In 3½ per cent. Government Paper deposited with the Bank of Bombay	15,984 0 0	15,984 0 0	.....	559 8 0	
Cash deposited with the Bank of Bombay	527 8 8	527 8 8	.....	18 7 0	
Grand Total... I, II & III ... Rs.	4,87,80,280 10 10	4,87,80,280 10 10	97,700 0 0	24,37,880 3 10	
				2,18,812 4 0	
				26,56,692 7 10	

(c) The Loans were originally to be paid off on 1st January 1900 as follows, viz.:—Tansa and Rs. 14,46,14-7 on account of Bank's commutation, &c., charges on different roads were paid off in 1898-99, leaving an unpaid balance of Rs. 9,53,85-13-5 which will be repaid when the holders apply for payment.

(d) Includes Rs. 1,000 were paid from the Fire Brigade, &c., Fund.

(e) Includes Rs. 1,000 were paid from the Fire Brigade, &c., Fund.

(f) Includes Rs. 1,000 were paid from the Fire Brigade, &c., Fund.

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35. The revenue, expenditure and balances of the last five years have been contrasted in the following table :—

	1894-95.	1895-96.	1896-97.	1897-98	1898-99.
	Rs.	Rs.	Rs.	Rs.	Rs.
Revenue	65,39,373	67,61,710	62,08,978	67,08,506 *h*	71,61,911 *l*
Expenditure	68,78,486	67,02,516	70,04,743 *e*	70,59,914 *i*	73,39,926 *m*
Closing balance (including recoverable advances to Loan Works, Reserve Stock, &c., and excluding minor deposits, &c.) ...	37,13,124 *a*	37,72,318 *c*	29,76,553 *f*	26,25,144 *j*	24,48,030 *n*
Add—Recoverable Revenue Outstanding	65,000	50,000	2,75,000	83,000	1,00,000
	37,78,124	38,22,318	32,51,553	27,08,144	25,48,030
Deduct—Uncompleted Works, &c., the unexpended balances of the grants for which were required for payment in following year ...	4,84,218	4,80,048	6,71,162	5,20,070	8,19,471
Net workable balance available for requirements of following year..	32,93,906 *b*	33,42,270 *d*	25,80,391 *g*	21,88,074 *k*	17,28,559 *o*

a & *b* Excluding Rs. 9,14,284 on account of the value of Reserve Stock on hand on 31st March 1895, the net closing balances amounted to Rs. 27,98,840 and Rs. 23,79,622 respectively.

c & *d* Excluding Rs. 8,76,660 on account of the value of Reserve Stock on hand on 31st March 1896, the net closing balances amounted to Rs. 28,95,658 and Rs. 24,65,610.

e Including Rs. 4,37,055-0-1 on account of plague expenses debited to revenue in 1896-97.

f & *g* Excluding Rs. 9,01,841 on account of the value of Reserve Stock on hand on 31st March 1897, the net closing balances amounted to Rs. 20,74,712 and Rs. 16,73,550.

h Excluding Rs. 4,37,055-0-1 on account of rebate to current Revenue in respect of plague expenses up to 1896-97, which has been shewn by a deduction from the expenditure. The sum of Rs. 67,08,506 includes over Rs. 2½ lakhs on account of recoveries of outstandings.

i Includes Rs. 5 lakhs on account of plague expenses debited to Revenue.

j & *k* Excluding Rs. 9,03,587 on account of the value of Reserve Stock on hand on 31st March 1898, and Rs. 8,12,546 on account of net advance made for the purchase of frontage lands in the Agripada, &c., estate, the net closing balances amounted to Rs. 9,03,011 and Rs. 4,71,941.

l In this year the General Tax was increased from 8¾ to 9¼ per cent. and the Town Duties on Grain, Firewood and Ghee were increased from annas two per candy, anna one per candy, and annas eight per maund to annas four per candy, annas two per candy and annas ten per maund respectively.

m Includes a debit of Rs. 8,12,546-4-8 on account of the write off of the net amount advanced for the purchase of frontage lands in the Agripada, &c., estate and a credit of Rs. 5 lakhs on account of rebate of Plague expenses debited to revenue in 1897-98.

n & *o* Excluding Rs. 8,75,554 on account of the value of Reserve stock on hand on 31st March 1899, the net closing balance amounted to Rs. 15,72,476 and Rs. 8,53,005.

IV. Assessment and Collection of Revenue.

36. The total amount collected under all heads exclusive of miscellaneous receipts was Rs. 47,85,033-5-10, against the estimate of Rs. 48,15,100, the difference being Rs. 30,066-10-2, and the falling off being in items of Halalkhore Tax, Wheel Tax and Tolls.

37. The decrease in the Halalkhore Tax includes Rs. 11,390 for special halalkhore tax to Mills, and this with the decreases in wheel tax and tolls is probably attributable to a reduction in the number of animals and vehicles kept on account of the plague. As compared with the collections for 1897-98, which amounted to Rs. 44,71,371-12-10, the increase for 1898-99 is Rs. 3,13,661-9-0.

38. There was an increase of one per cent. in the general tax for the year under report.

39. The total collections for the past 5 years, exclusive of miscellaneous receipts, were as follows :—

	Rs.	a.	p.
1894-95	42,86,095	4	9
1895-96	43,51,271	11	4
1896-97	41,76,528	0	6
1897-98	44,71,371	12	10
1898-99	47,85,033	5	10

Registration of Properties.

40. The number of properties on the Assessment book at the close of the year was 53,328 and in the previous year 53,165, thus showing an increase of 163.

41. The following table shows the differences for the last five years :—

YEARS.	Classification of properties according to description.				Classification of properties according to liability to General Tax.			
	Buildings.	Salt-pans.	Lands, including tanks, wells &c.	Total.	Number assessed for the General Tax.	Number exempted or compounded for on special terms.	Small plots of unproductive lands for which no bills are issued.	Total.
1	2	3	4	5	6	7	8	9
1894-95.....	34,265	175	17,708	52,148	40,032	4,446	7,670	52,148
1895-96.....	35,083	175	17,241	52,499	40,318	4,493	7,688	52,499
1896-97.....	35,495	146	17,318	52,959	40,653	4,561	7,745	52,959
1897-98.....	35,091	146	17,928	53,165	40,685	4,578	7,902	53,165
1898-99.....	34,805	146	18,377	53,328	40,823	4,585	7,921	53,328

42. During the year there were 678 buildings demolished and 392 new buildings erected. Existing properties to the number of 183 were enlarged.

Valuation.

43. The recorded gross value of these properties for the year under report is shown in the following table in contrast with that of the preceding year :—

Closing valuation of 1897-98.	Opening valuation for 1898-99.	Valuation after complaints.		Subsequent amendments.		Closing valuation of 1898-99.				Increase.
		Number of complaints.	Amount after disposal of complaints.	Reductions.	Enhancements.	Valuation assessed to the with General Tax.	Valuation exempted from General Tax.	Valuation for which no General Tax bills issued.	Total.	
1	2	3	4	5	6	7	8	9	10	11
Rs. 2,94,82,805	Rs. 2,97,58,212	Rs. 2,637	Rs. 2,95,90,409	Rs. 2,25,560	Rs. 4,68,787	Rs. 2,70,70,930	Rs. 27,24,608	Rs. 18,998	Rs. 2,98,55,536	Rs. 3,70,831

44. The increase is in the valuation of private properties and is made up as under:—

	Rs.
Erection of new buildings	1,77,855
Enlargements	1,78,618
Rise in rents and correction of under-assessment	14,358
Total...Rs.	3,70,831

Property Taxes.

45. The following comparative tables show the increases in property taxes :—

(1) GENERAL TAX.

1897-98.				1898-99.				
8¼ per cent. on rateable value.	Compounded sum payable by Government.	Compounded sum payable by the Port Trust.	Total.	9½ per cent. on rateable value.	Compounded sum payable by Government.	Compounded sum payable by the Port Trust.	Total.	Increase.
1	2	3	4	5	6	7	8	9
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
17,94,227 6 5	98,374 0 0	1,52,462 0 0	20,45,063 6 5	20,35,222 12 9	1,09,947 0 0	1,70,420 0 0	23,15,589 12 9	2,70,506 6 4

46. The amount of general tax on properties exempt under Section 143 of the Act does not appear in the above table. The amount, as contrasted with that of the previous year, is as under :—

	Rs.	a.	p.
1897-98	2,11,268	4	11
1898-99	2,37,921	5	3

(2) WATER TAX.

1897-98.				1898-99.				Increase.			
On Value.	Compounded.	On Meter Measurement.	Total.	On Value.	Compounded.	On Meter Measurement.	Total.	On Value.	Compounded.	On Meter Measurement.	Net Increase.
1	2	3	4	5	6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
6,45,311 6 1	36,583 4 4	5,62,105 4 5	12,42,199 14 10	6,47,690 6 1	40,371 2 9	7,88,156 4 2	14,76,217 13 0	4,179 0 0	4,387 14 5	2,26,050 15 9	2,34,617 14 2

(3) HALALKHORE TAX.

1897-98.			1898-99.					
On Value.	Special Service.	Total.	On Value.	Special Service.	Total.	Increase of Halalkhore Tax on value.	Increase of special Halalkhore Tax.	Net increase.
1	2	3	4	5	6	7	8	9
Rs. a. p. 5,62,500 8 4	Rs. a. p. 1,36,060 13 7	Rs. a. p. 6,98,561 5 11	Rs. a. p. 5,68,618 13 6	Rs. a. p. 1,43,164 2 11	Rs. a. p. 7,16,783 0 5	Rs. a. p. 6,118 5 2	Rs. a. p. 12,103 6 4	Rs. a. p. 18,221 10 6

47. The total demand on account of property taxes for 1898-99 amounted to Rs. 45,09,190-10-2, to which must be added Rs. 25,785-6-4 on account of previous years, making a total of Rs. 45,34,976-0-6.

Collection.

48. From the total demand for the year, a sum of Rs. 78,989-12-2 was allowed as drawback under Section 158 (2) of the Act, and the sum of Rs. 2,80,367 was the amount payable by Government and the Port Trust. For the recovery of the remainder, bills were issued as under :—

Year.	Bills issued.	
	No.	Amount.
		Rs. a. p.
1894-95	2	101 1 5
1895-96	2	115 0 0
1896-97	94	2,722 11 5
1897-98	479	22,846 9 6
Total ...	577	25,785 6 4
1898-99	72,737	41,49,833 14 0
Total ...	73,314	41,75,619 4 4

49. The outstanding balance on account of Property taxes at the end of 1897-98 was Rs. 1,00,550-2-11, and the total amount for Collection in 1898-99 was Rs. 42,76,169-7-3 —exclusive of Rs. 2,80,367—which is the amount payable by Government and Port Trust, which is paid by them direct into the Municipal Treasury without bills being issued for the same. At the end of the year the total amount outstanding was Rs. 1,06,854-14-4. This amount was, by the 15th of July 1899, reduced to Rs. 47,255-6-10, Rs. 59,599-7-6 having been collected from 1st April to 15th July 1899.

50. The following table gives the details of the amounts which had to be collected during the year:—

Taxes.	To be collected.				Collected.			Uncollected.	Deduct. On account of former years.			Balance outstanding at the end of 1898-99.		
	Opening balance outstanding on 31st March 1898.	Total of Bills issued during 1898-99.	Amount payable by Government and Port Trust without Bills.	Total.	On account of former years.	On account of 1898-99.	Total.		Amount written off as per Standing Committee's Resolutions Nos. 1578 4686 / 18-6-93 17-8-93 6537 / 2-11-98 and 9242 / 18-1-99	Bills cancelled (amended bills being issued in lieu of the same).	Total.	On account of former years.	On account of 1898-99.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax ...	35,805 7 0	19,61,097 6 6	2,80,367 0 0	22,77,269 13 6	30,994 6 9	22,00,731 14 1	22,31,726 4 10	45,543 8 8	12 9 8	5,745 14 10	5,758 8 6	3,916 13 8	35,868 2 6	39,785 0 2
Water Tax ...	42,192 15 5	14,96,076 5 1	.....	15,38,269 4 6	49,800 3 9	14,82,983 5 11	14,82,783 9 8	55,485 10 10	591 12 10	8,364 13 9	8,956 10 7	2,694 9 2	43,834 7 1	46,529 0 3
Halalkhore Tax	22,551 12 6	7,18,445 8 9	.....	7,40,997 5 3	19,008 13 1	6,99,170 0 8	7,18,178 13 9	22,818 7 6	29 10 8	2,247 14 11	2,277 9 7	2,927 14 2	17,612 15 9	20,540 13 11
TOTAL ...	1,00,550 2 11	41,76,619 4 4	2,80,367 0 0	45,56,536 7 3	99,803 7 7	43,32,885 4 8	44,32,688 12 3	1,23,847 11 0	634 1 2	16,358 11 6	16,992 12 8	9,539 5 0	97,315 9 4	1,06,854 14 4

Tax on Vehicles and Animals.

51. The opening outstanding balance on account of this tax was Rs. 6,550-2-3, the demand for the year ending 31st December 1898, was Rs. 1,62,961-12-11, as against Rs. 1,55,282-7-0 for the previous year, and the bills to the extent of Rs. 933-12-0 were issued on account of tax due for former years, so that the total demand was Rs. 1,70,445-11-2. The amount actually collected during the year was Rs. 1,61,912-3-7 against a collection of Rs. 1,64,378-7-3 in the previous year.

52. The Corporation having resolved in their Resolution No. 9604 of 10th January 1898, to tax bicycles and tricycles, 654 of the former and 7 of the latter were taxed at the end of the calendar year 1898.

53. The legality of the tax was confirmed by a decision of the High Court, on the 4th April 1899 on a reference to that court by the Chief Judge of the Small Causes Court in the case of Hogan *vs.* the Municipal Commissioner.

54. The amount recovered on account of licensed public conveyances, including license fees and fees for badges, and the amount realized from tolls at Mahim and Sion Causeways, as contrasted with the previous year, is as follows :—

Years.	Tax on Public Licensed Conveyances.	License Fees.	Fees for Badges.	Toll Fees at Mahim and Sion Causeways.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1897-98 ...	1,67,989 10 9	5,265 8 0	8,380 12 0	14,489 14 0
1898-99 ...	1,63,522 8 0	5,757 10 0	7,386 6 0	13,765 14 0

Property Taxes and Taxes on Vehicles and Animals.

55. The following tables show—(**A**) the total assessment ; (**B**) the collection and outstanding balances under these heads for the year as compared with those of the preceding four years :—

Table A.

Total Assessment on account of Property Taxes and Wheel Tax.

Years.	No. of Properties.	Gross annual value at the end of the year.			ASSESSED DEMAND.											
					Property Taxes.								Wheel Tax, including Public Conveyances and the Toll on the Causeways.	Total Demand.		
		Valuation chargeable with General Tax.	Valuation exempt from General Tax under Section 14 of the Municipal Act and Section 36 of the Port Trust Act.	Total.	General Tax, including compounded payments by Government and Port Trust.			Water Tax.	Halalkhore Tax.	Total of Property Taxes.						
					General Tax leviable.	General Tax not leviable.	Total.			Leviable.	Not leviable.	Total.		Leviable.	Not leviable.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1894-95 ...	52,148	2,50,94,448	25,19,293	2,76,13,741	19,20,589 5 1	1,92,725 15 11	21,13,315 5 0	13,68,942 1 6	6,42,593 4 8	39,32,124 11 3	1,92,725 15 11	41,24,850 11 2	3,56,936 1 1	42,89,060 12 4	1,92,725 15 11	44,81,786 12 3
1895-96 ...	52,499	2,55,79,337	26,77,544	2,82,56,881	19,57,704 0 1	2,04,832 2 6	21,62,536 2 7	13,97,085 11 10	6,63,572 3 1	40,18,361 15 0	2,04,832 2 6	42,23,194 1 6	3,68,086 9 11	43,86,448 8 11	2,04,832 2 6	45,91,280 11 5
1896-97 ...	52,959	2,62,19,752	27,07,866	2,89,27,618	20,06,705 8 1	2,07,151 13 4	22,13,857 5 5	14,54,547 12 11	6,97,513 2 6	41,58,766 7 6	2,07,151 13 4	43,65,918 4 10	2,59,635 12 4	44,18,402 3 10	2,07,151 13 4	46,25,554 1 2
1897-98 ...	53,165	2,67,21,128	27,61,677	2,94,82,805	20,45,083 6 5	2,11,268 4 11	22,56,351 11 4	12,42,199 14 10	6,98,561 5 11	39,85,844 11 2	2,11,268 4 11	41,97,113 0 1	3,37,761 15 0	43,23,606 10 2	2,11,268 4 11	45,34,874 15 1
1898-99 ...	53,328	2,70,70,930	27,82,706	2,98,53,636	23,15,589 12 9	2,37,921 5 3	25,53,511 2 0	14,76,817 13 0	7,16,783 0 5	45,09,190 10 2	2,37,921 5 3	47,47,111 15 5	3,40,250 2 11	48,49,440 13 1	2,37,921 5 3	50,87,362 2 4

TABLE B.

Total Demands, Collections and Balances on account of Property Taxes and Wheel Tax, including License Fees and Fees for Badges on Public Conveyances and Tolls at Mahim and Sion Causeways.

Years.	Amount to be collected.			Bills written off under Standing Committee's Resolutions and Bills recalled for amendment.	Collections.	Outstanding Balance on 31st March 1899.
	Opening Outstanding Balance.	Demand assessed for the year and for former years during the year.	Total.			
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a p.	Rs. a p.	Rs. a. p.
1894-95 ...	1,50,452 10 6	42,99,843 6 3	44,50,296 0 9	79,926 10 7	42,86,095 4 9	84,274 1 5
1895-96 ...	84,274 1 5	43,56,893 15 6	44,41,168 0 11	9,849 10 2	43,51,271 11 4	80,046 11 5
1896-97 ...	80,046 11 5	44,37,107 14 5	45,17,154 9 10	29,454 6 6	41,76,528 0 6	3,11,172 2 10
1897-98 ...	3,11,172 2 10	43,16,519 2 5	46,27,691 5 3	49,219 3 3	44,71,371 12 10	1,07,100 5 2
1898-99 ...	1,07,100 5 2	48,10,314 3 3	49,17,414 8 5	18,903 14 2	47,85,033 5 10	1,13,477 4 5

Miscellaneous Revenue.

56. The receipts from Miscellaneous Revenue in the year under report, as contrasted with the previous four years, are as follows :—

Year.	Notice Fees	Warrant Fees.	Inspection Fees	Battaker Fees.	Duplicate Bill Fees.	Sundries.	Hire of Meters.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1891-95.	2,909 8 0	66 4 0	70 0 0	2,775 0 0	19 8 0	241 8 7	8,711 7 7
1895-96	2,571 13 0	43 12 0	65 4 0	2,991 0 0	11 10 0	142 11 8	12,786 10 8
1896-97.	2,063 4 0	86 0 0	79 0 0	2,341 0 0	8 6 0	219 6 4	10,600 13 7
1897-98.	3,976 12 0	74 4 0	50 12 0	1,569 0 0	31 4 0	157 6 6	14,030 9 10
1898-99.	3,198 4 0	76 0 0	78 0 0	1,626 0 0	24 8 0	349 10 1	13,897 11 5

Refunds.

57. The total amount of refunds for which certificates were granted on account of vacancies and over-collections under all heads, amounted to Rs. 31,792-6-9, the details of which are as follows :—

Taxes.	For 1892-93.	For 1893-94.	For 1894-95.	For 1895-96.	For 1896-97.	For 1897-98.	For 1898-99.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p
General Tax ...	.....	.....	.....	55 4 11	155 7 0	5,913 8 2	2,027 5 8	9,051 9 9
Water Tax ...	103 11 0	345 7 1	758 15 4	1,352 7 2	3,015 5 0	6,751 12 10	4,151 7 11	16,379 2 4
Halalkhore Tax ...	.....	231 2 0	251 8 0	269 6 2	201 0 1	3,622 4 9	1,773 7 8	6,348 12 8
Wheel Tax ...	.....	.....	.....	.....	.....	2 0 0	4 0 0	6 0 0
Notice Fees ...	.....	.....	.....	.....	.....	0 8 0	.....	0 8 0
Meter Hire ...	.....	.....	.....	.....	.....	.....	5 0 0	5 0 0
Toll Fees	.....	.....	.....	.....	.....	1 6 0	.....	1 6 0
Total ...	103 11 0	576 9 1	1,010 7 4	1,577 2 3	3,371 12 1	16,291 7 9	8,861 5 3	31,792 6 9

Appeals to the Chief Judge of the Small Causes Court.

58. There were only twelve appeals to the Chief Judge of the Small Causes Court, against valuation, Halalkhor Tax, Bye-election and tax on bicycles which were disposed of as under :—

Subject of Appeal.	Number of Appeals.	How disposed of.				Total.
		Dismissed.	Allowed.	Withdrawn by the Appellants	Settled by consent.	
Valuation	9	1	...	1	7	9
Halalkhore Tax ...	1	...	...	...	1	1
Bye-election	1	1	...	...	...	1
Tax on bicycle ...	1	1	...	...	...	1
Total.....	12	3	...	1	8	12

REVENUE AUDIT.

59. The books and balances of the Ward clerks in all the seven ward offices of the City were duly examined at the end of each quarter and the bills checked in detail after comparison with the Head Office Accounts. The Assessment books in the Head Office were also examined with a view to ascertain that no taxation of property had been evaded. The books relating to the collection of taxes, on animals and vehicles were also scrutinized. The revenue from the tax on public land conveyances licensed by the Commissioner of Police was also audited for the twelve months from the 1st January to the 31st December 1898, and the certificates of issue of licenses supplied by that officer under arrangements made with him were duly checked with the register, now kept by the Chief Accountant instead of the Superintendent of the Byculla Ward as in former years. There were 15,044 claims for one-fifth drawback under Section 158 (2) of the Municipal Act as against 13,664 for the previous year. In forms 11, 11A and 11B,

relating to increase and decrease of valuations, 5,751 entries were checked as against 6,201 in the preceding year and traced through all the Assessment and Collection accounts. The number of complaints against valuation heard by the Revenue and Refund Audit Officer fell from 966 to 702 in the year under report, and decisions on 221 complaints against amendments under Section 167 were scrutinized.

60. The revenue receipts or vouchers of the following departments were also examined and checked :—

	No. of receipts.	Amount. Rs. a. p.
Engineer's Department	6,176	32,792 7 11
Health Department	20,907	59,503 12 4
Markets and Slaughter-Houses ...	14,919	3,83,433 12 11
Victoria Gardens	3,035	4,580 2 2
Rent Accounts of Health Camps.	2,709	5,128 8 0

61. In the Licensing Department 5,575 licenses were granted as against 5,415 in 1897-98: each of these was scrutinized with special reference to the amount of fee leviable.

62. The number of claims for refund sanctioned after examination on account of vacancy or over-collection was 1,305 amounting to Rs. 31,324-11-10.

TOWN DUTIES.

63. The following table shows in detail the increases and decreases in collections, refunds and net revenues for the year. The total collections for the year under report amounted to Rs. 22,55,540-4-10, against Rs. 17,29,760-15-7 in the preceding year. The net revenue shows an aggregate increase of Rs. 2,33,695-0-6 under all heads except sugar in which there was a falling off of Rs. 2,32,698-5-3, bringing the net increase to Rs. 996-11-3. This is probably due to the preponderance of the previous year's imports over exports which after allowing for local consumption left a large balance available for export during the year under report.

Statement contrasting the Collections, Refunds and Net Revenue from Town Duties for the Years 1897-98 and 1898-99.

Nature of Articles	Collections. 1897-98.	Collections. 1898-99.	Increase in 1898-99.	Decrease in 1898-99.	Refunds. 1897-98. On account of Exports.	Refunds. 1897-98. On account of Articles supplied to Government.	Refunds. 1897-98. Total.	Refunds. 1898-99. On account of Exports.	Refunds. 1898-99. On account of Articles supplied to Government.	Refunds. 1898-99. Total.	Increase in 1898-99.	Decrease in 1898-99.	Net Revenue. 1897-98.	Net Revenue. 1898-99.	Increase in 1898-99.	Decrease in 1898-99.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain &c., 5 per cent ad valorem	3,99,172 13 8				12,670 11 0			10,829 0 0								
Do. on Ass. &c. do.	.....				.....			3,45,017 0 0								
Total	3,99,172 13 8				46,170 11 0		46,170 11 0	3,79,906 0 0								
Flour &c., 2½ per cent ad valorem	94 1 0				5,869 8 9			660 13 0								
Do. on Ass. do.	.....				.....			16,467 11 0								
Total	94 1 0				5,869 8 9		5,869 8 9	17,128 11 0								
Sugar & Ass. 9 per cent.	.....	1,85,319 8 0	.....	37,539 24 8	.....	6,01,627 8 0	.....	.....	7,74,841 4 0	2,084 12 0	1,76,865 13 0	.....	2,03,885 0 0	1,97,736 10 0	.....	6,23,494 5 7
Wines and Spirits 9 &c. 4 per cent.	.....	2,81,913 3 10	.....	.....	.....	16,857 4 0	34 11 0	13,053 15 0	.....	17,330 12 0	706 14 0	.....	2,34,027 4 10	2,11,735 9 0	26,708 5 0	
Imperial gallon	.....	91,586 1 0	.....	.....	.....	15,756 4 0	.....	16,768 4 0	.....	15,816 10 0	.....	1,951 6 0	11,813 5 8	14,702 2 0	2,888 12 4	
Ghee &c. 4 As. per Bombay maund	1,73,934 10 0		.....	.....	19,077 8 0	.....	.....	2,130 2 0	.....	.....	.....	.....				
Do. &c. 10 do.	.....		5,22,975 10 0	.....	.....	.....	.....	40,956 2 0	.....	.....	.....	.....				
Total	1,73,934 10 0				32,077 8 0		32,077 8 0	43,864 7 0		43,864 7 0	10,787 15 0		1,41,857 2 0	1,30,032 2 0	26,270 0 0	
Tobacco 1 23 per cent ad Market value	.....	1,31,615 0 8	.....	.....	.....	17,354 5 0	.....	.....	17,402 5 0	17,402 5 0	48 0 0	.....	54,380 11 8	1,21,173 11 4	27,094 15 8	
Fire works 9 &c. 1 per cent ad	34,670 3 0		.....	.....												
Do. 9 &c. 2 do.	.....		67,832 11 0	.....												
Total	34,670 3 0				.....		.....	.....		.....			34,670 3 0	67,832 11 0	33,162 8 0	
			5,90,808 1 8												2,23,076 0 4	
			57,950 14 8												2,32,026 8 8	
Total, Rs.	17,28,760 15 7	23,50,360 4 10	6,25,773 5 5		7,57,769 10 0	36 11 0	7,57,805 5 0	55,59,502 4 0	2,084 12 0	56,26,583 16 0	8,24,782 10 0	.....	9,81,956 10 7	9,02,953 5 10	906 11 3	

* Should be 123-8-8, the difference Rs. 1-5-0, being the amount short credited by the B. B. & C. I. Railway Company, steps have been taken for the due payment of this amount.

64. The total amount of refunds claimed was Rs. 13,47,419-2-0 of which sum Rs. 84,832-3-0 were retrenched as follows :—

	Rs.	a.	p.
On account of claims legally inadmissible ...	11,229	6	0
Excess of amounts claimed over those actually due.	73,602	13	0
Total ... Rs.	84,832	3	0

65. The number of claims disposed of was 34,856 against 28,072, the previous year.

V. Public Works.

SPECIAL DRAINAGE.

66. For the purpose of carrying out the various large schemes of drainage required in the city, Mr. James W. Smith, M.I.C.E., the Drainage Engineer of the Municipality of Bombay, was appointed to be in charge of these works, with the designation of Special Drainage Engineer, with effect from the 1st March 1893. He continued to hold that office during the year under report, and in addition thereto carried on the duties of the Acting Deputy Executive Engineer, Drainage (Mr. C. C. James), from the 9th March 1897, up to the 7th November 1898, when Mr. James having returned from leave, charge of that office was handed over to him. In the Special Drainage Department the unfinished works in progress and the new works sanctioned or commenced during the year were as follows :—

UNFINISHED WORKS.

A.—Colaba Sewerage Works.

B.—Umarkhadi Sewerage Works.

C.—Mazagon Sewerage Works.

D.—House Drainage Connections in the Colaba District.

E.—Fergusson Road and Chinchpokli Sewerage Works.

F.—Old Race Course Sewerage Works.

G.—Improvement of roadside drains in Khetwadi District.

H.—Masonry drain from Girgam Road to Back Bay.

I.—Opening out water course at Parel Road and constructing covered drain.

J.—Culvert with penstock Mahalakshmi Reservoir.

K.—Storm-water drain from Wellington Fountain to sea.

L.—Storm-water drain in Elphinstone Road.

M.—Storm-water drain in Wodehouse Road.

N.—Storm-water drain in Lower Colaba and Thomas Street.

O.—Storm-water drain at foot of Wodehouse Bridge.

P.—Ovoiding side drains in 1st Pathan Street.

Q.—Constructing arched masonry drain in Gilder Lane.

R.—Improvement of roadside drains and watercourses about Dadar Road.

S.—Machinery for Parel sectional sewerage districts.

T.—Mazagon Sewerage Works (sectional).

NEW WORKS COMMENCED.

U.—Surface drainage works in Kamattipura District.

V.—Providing 41 manholes on the old ovoid sewers in Kamathipura.

W.—Works in 9-inch pipe sewer in the new roads on the southern part of the Apollo Reclamation and other roads.

A.—Colaba Sewerage Works.

67. The suit filed by Messrs. Bulkley & Co. against the Municipality is still pending before the High Court Commissioner. The expenditure under this head paid during the year amounted to Rs. 59-10-6, and the total expenditure including that amounted to Rs. 8,21,070-3-11 against the grant of Rs. 8,34,856-0-0.

B.—Umarkhadi Sewerage Works.

68. The suit filed by Messrs. Bulkley & Co. against the Municipality is in this case also pending. The expenditure during the year amounted to Rs. 251-11-7, which with the expenditure in the preceding years amounted to Rs. 3,49,961-1-6 against the grant of Rs. 3,86,993-0-0.

C.—Mazagon Sewerage Works (Gravitation Portion).

69. The contractors for these works are Messrs. Sulemanji Mulla Abdulali & Co.

70. The works were not completed, though the contract period of two years expired on the 24th November 1897, on account of the difficult nature of the excavation work and difficulty in obtaining labour on account of the plague. Portions of the works have been inspected and taken over from the contractors. The expenditure during the year amounted to Rs. 18,256-9-9, which added to the previous expenditure amounts to Rs. 2,74,128-6-10 as detailed below :—

	Rs.	a.	p.
Establishment	28,363	3	5
Contingencies	4,826	1	4
Road repairs	21,666	13	10
Work	2,19,912	4	3
	2,74,268	6	10
Credit by sale of contract forms ...	140	0	0
Total ...Rs.	2,74,128	6	10

D.—House Drainage connections (Street Portions) in the Colaba District.

71. The contractor for these works was Mr. Palanji Edalji Plumber. The street portions of the connections which remained to be finished were completed by the end of May 1898. The connections made during the year were 33, and the bill for these, amounting to Rs. 1,746-9-10, was passed in November 1898. The total number of connections made throughout the district is 275.

E.—Fergusson Road and Chinchpokli Sewerage Works (Gravitation Portion).

72. The Contractor for these works was Mr. Sayaji Naguji. The works were completed within the contract time which expired on the 25th March 1898. During the progress of the works additional manholes were found necessary, and an increase in the length of the sewer was also found to be necessary, this caused additional expense, and to meet it a transfer of Rs. 2,000 was obtained from the grant for ovoiding side drains in Girgam Road. The final bill amounting to

Rs. 59,896-0-4 was passed during the year. The expenditure during the year amounted to Rs. 4,168-13-6, and this added to the previous expenditure amounted to Rs. 89,910-12-7 as shown below :—

	Rs.	a.	p.
Establishment	7,088	0	10
Contingencies	1,617	1	0
Road repairs	3,594	7	9
Works	59,974	4	6
18″ Pipe sewer in DeLisle Road ...	17,756	14	6
Rs.	90,030	12	7
Credit by sail of contract forms and transfer of clerks ... ... „	120	0	0
Total...Rs.	89,910	12	7

As against the ultimate grant of Rs. 90,117-0-0.

73. The final bill for the work in the 18″ pipe sewer in DeLisle Road was passed during the year. The Contractors were Messrs. Sulemanji Mulla Abdulali & Co., and the work was completed in 1896. The bill amounted to Rs. 17,675-10-4 against the contract amount of Rs. 18,513-0-0.

F.—Old Race Course Sewerage Works (Gravitation Portion).

74. The Contractors for these works were Messrs. Sulemanji Ali Mahamad & Co. The works were with the exception of three lengths of pipe sewer completed within the contract period. The final bill was passed in June 1898 and amounted to Rs. 32,832-14-0. The contract amount for the work was Rs. 35,846-0-0. A sum of Rs. 4,258 was deducted for work left undone, and the cost of extra work was met from savings from the grant. The total grant amounted to Rs. 46,270-0-0. The expenditure during the year was Rs. 1,556-14-2, and the total expenditure Rs. 39,039-8-1 as detailed under following heads :—

	Rs.	a.	p.
Establishment	3,668	10	8
Contingencies	376	12	0
Road repairs	1,624	14	0
Work	33,378	3	5
Rs.	39,049	8	1
Credit by sale of contract forms „	10	0	0
Total Rs. ...	39,039	8	1

G.—Improvement of road side drains and provision of water gullies in Khetwadi District.

75. The Contractors for these works were Messrs. Vithal Sayana & Co. The works were completed within the contract time which expired on the 21st February 1898. The final bill for the works amounted to Rs. 43,478-3-9, including extra items which amounted to Rs. 4,649-4-3 and the contract items together with excesses amounted to Rs. 38,828-15-6 against the contract amount of Rs. 43,313-0-0, thus showing a saving of Rs. 4,484-0-0, this together with Rs. 165-4-3 from the contingency provision met the cost of the extra items. The bill for a storm-water drain in Khetwadi 10th Lane was passed in June 1898. It amounted to Rs. 3,952-12-0 against a sanctioned grant of Rs. 4,353-0-0.

76. The total grant for the works in Khetwadi amounted to Rs. 54,486-0-0. The expenditure during the year was Rs. 7,117-5-4, and that plus the previous expenditure amounted to Rs. 52,657-2-8 as hereunder detailed :—

	Rs.	a.	p.
Establishment	2,469	3	7
Contingencies	1,704	1	0
Road repairs	1,639	14	7
Work	43,478	3	7
Masonry drain in Khetwadi 10th Lane	3,952	11	11
Rs. ...	53,244	2	8
Credit by sale of contract forms ... „	587	0	0
Total Rs.	52,657	2	8

II.—Masonry drain from Girgam Road through night-soil Depot Lane and Mathew Road Crossing, B. B. & C. I. Railway to Back Bay.

77. Messrs. Sulemanji Mulla Abdulalli & Co. were the Contractors for this work. The work was practically completed within the contract period of six months, which expired on the 30th April 1898, some necessary extra work was carried out, which was not completed until the end of March 1899. The final bill amounting to Rs. 18,962-0-0 inclusive of cost of extra work, and excesses was not passed at the close of the year. The expenditure incurred and passed up

to the end of the financial year amounted to Rs. 14,963-9-4 as detailed below :—

				Rs.	a.	p.
Establishment	...	...	...	1,071	9	2
Contingencies	...	...	...	245	8	5
Road repairs	...	...	...	918	14	4
Work	...	...	...	12,747	9	5
			Rs.	14,983	9	4
Credit by sale of contract forms		...	„	20	0	0
		Total ...	Rs.	14,963	9	4

I.—Opening out the water course to the west of Messrs. Kama's property, Parel Road, and constructing a covered drain thereat.

78. Mr. Sayaji Naguji was the Contractor for this work. It consisted of two parts (*a*) opening out the water course and (*b*) the construction of a covered drain. The second part was completed at a cost of Rs. 3,362-6-7. The first part has been deferred under the advice of the Municipal Solicitors as Mr. Cama objects to the work. Out of the grant there is a balance available for that portion of the work amounting to Rs. 4,266-9-5.

J.—Culvert with a penstock in the eastern bank of the Mahalakshmi Reservoir.

79. Contractor Mr. Sayaji Naguji. This work was completed at a cost of Rs. 1,673-4-4 against the grant of Rs. 2,112. Some additional masonry work was found necessary, and it was done by the same contractor at a cost of Rs. 81-15-0 defrayed from the sum of Rs. 438-11-8 savings from the grant.

K.—Storm-water drain from near the Wellington Fountain via Band Circle to the Sea.

80. The Contractors were Messrs. Sulemanji Moola Abdulali & Co. Work was commenced on the 1st May 1897, to be completed by the 15th June 1897, but the whole of the work was not finished until the 1st of May 1898. The delay was caused by the necessity for obtaining the sanction of

Government to the laying of a portion of the drain through Government land. The final bill for the work amounted to Rs. 30,071-5-2 inclusive of extras and excesses and was passed during the year. The total grant for the work was Rs. 37,355-0-0, and the total expenditure was Rs. 36,702-3-2 as shown below :—

			Rs.	a.	p.
Establishment	...	...	3,033	3	2
Contingencies	...	...	1,303	9	4
Road repairs	...	...	1,464	1	6
Work	...	...	30,946	5	2
	Rs.		36,747	3	2
Credit by sale of contract forms ...	„		45	0	0
Total ...	Rs.		36,702	3	2

L. & M.—Storm-water drain with Gullies in Esplanade Road opposite the Elphinstone College, and storm-water drain in Wodehouse Road near the Y. M. C. A. Buildings.

81. Contractors Messrs. Sulemanji Mulla Abdulali & Co. The final bill for these works was passed during the year; it amounted to Rs. 9,756-2-11. The total grant sanctioned was Rs. 11,527, and the total expenditure including the final bill was Rs. 11,364-10-5, showing a saving of Rs. 162-5-7. The works were handed over to the Deputy Executive Engineer, Drainage, on the 9th July 1897.

N.—Storm-water drain in Lower Colaba Road and Thomas Street.

82. Contractor Mr. Sayaji Naguji. The final bill for these works was passed during the year, it amounted to Rs. 9,581-15-11. The total expenditure including the final bill amounted to Rs. 10,466-0-1 as detailed below :—

		Rs.	a.	p.
Contingencies	...	163	13	4
Road repairs	...	720	7	11
Work	...	9,581	10	10
Total ...	Rs.	10,466	0	1

83. The saving thus amounted to Rs. 3,120-15-11. Marked beneficial effect has resulted from the construction of this drain.

O.—Storm-water drain at the eas foot of Wodehouse Bridge.

84. The Contractor for this work was Mr. Sayaji Naguji.

85. The final bill amounting to Rs. 1,123-11-6 was passed during the year.

86. The total cost amounted to Rs. 1,331-7-8 as against the grant of Rs. 1,639, thus realising a net saving of Rs. 307-8-4.

P.—Ovoiding side drains in Pathan 1st Street.

87. Contractors Messrs. Vithal Sayana & Co. The final bill for this work amounting to Rs. 4,402-14-7 was passed during the year, the total expenditure amounted to Rs. 6,094-15-3 as hereunder detailed :—

	Rs.	a.	p.
Establishment	1,483	4	9
Contingencies	16	10	4
Road repairs	192	1	7
Work	4,402	14	7
Total ... Rs.	6,094	15	3

88. The sanctioned grant was Rs. 6,201, the total expenditure being Rs. 6,094-15-3, there has been a saving of Rs. 106-0-9.

Q.—Constructing an arched masonry drain between the Poor Parsi Chals in Gilder Lane and the B. B. & C. I. Railway.

89. Contractors Messrs. Sulemanji Mulla Abdulalli & Co. The Contractors' bill for this work amounted to Rs. 3,581-5-3, and the total expenditure to Rs. 3,930-10-7 against the grant of Rs. 4,221. There has been a net saving of Rs. 290-5-5.

R.—Improvement of Road-side drains and water courses in and about Dadar Road.

90. Messrs. Sulemanji Mulla Abdulali & Co. were the Contractors for these works. The works were commenced on the 1st March 1898, and the contract period of six months expired on the 31st August 1898. The works were practically completed at the end of December 1898, only some slight defects remained to be remedied until the end of January

1899. A portion of the work having to be carried through ground belonging to the B. B. & C. I. Railway Company necessitated correspondence which had not been brought to a final issue at the close of the year under report, consequently the Contractors could not be held responsible after the completion of the other parts of the work, hence the contract between them and the Municipality has been deemed to be closed. The final bill amounting to Rs. 20,125 including extras amounting to Rs. 4,594, though prepared, was not passed during the year.

91. The total grant sanctioned for the works is Rs. 30,475 and the total expenditure certified and passed to the end of the year was Rs. 14,209-14-2, the details of which are as follow:—

	Rs.	a.	p.
Establishment	1,231	9	6
Contingencies	394	8	7
Road repairs	491	9	7
Work	12,092	2	6
Total ... Rs.	14,209	14	2

S.—Machinery for the Parel, &c., Sectional Sewerage Districts.

92. Contractors Messrs. Hughes and Lancaster by their Agents and Attorneys, Messrs. Richardson and Cruddas.

93. The contract was signed on the 1st April 1898, and the order to commence was given on the same day. The contract period will expire on the 31st March 1900. The work of laying the air and sealed sewerage mains was first commenced, the contract amount for which is Rs. 2,77,480 the measured quantity of work actually paid for at the end of the year amounted to Rs. 1,47,477.

94. Under clause XXXV of the contract, advances were sanctioned and made from time to time to the extent of 50 per cent. on the value of the pipes actually delivered on the site. The total advances made amounted to Rs. 84,639, of which Rs. 38,061-10-5 has been recovered from the Contractors' bills.

95. It having been decided that the air-compressor station for the various sectional districts should be constructed immediately to the north of the Love Grove Pumping Station, steps were taken to acquire the land. Three plots were

needed—one plot has been acquired under the Corporation's Resolution No. 10117, dated 9th February 1899, at the rate of Rs. 1-4-0 per square yard, as regards the other two plots reference had to be made to the Collector who had not given his answer at the close of the year. Boilers and machinery have been supplied and are stored at Love Grove. The total certified expenditure incurred up to the close of the year was Rs. 3,68,649-1-5 as detailed below:—

	Rs.	a.	p.
Establishment	44,357	8	4
Contingencies	1,418	12	3
Road repairs	10,096	8	7
Machinery	3,12,776	4	3
Total ... Rs.	3,68,649	1	5

T.—Mazagon Sectional Sewerage Works.

96. Contractor Mr. Sayaji Naguji. Tenders for these works were invited on the 1st October 1898, returnable on the 20th October 1898. Three tenders were received, the lowest of which was that of the above-named contractor and amounted to Rs. 1,67,219 ; this was accepted and executed on the 5th December 1898, and the order to commence work given on the same day. The contract period is 18 months, and at the close of the year satisfactory progress had been made with the work. The Port Trustees having agreed that their sewerage work should be carried out simultaneously with the Municipal work and by the Municipality, an estimate was furnished amounting to Rs. 44,991, exclusive of the percentage for supervision, and the Trustees agreed to pay the actual cost plus 7½ per cent. for supervision.

97. The total expenditure certified and passed to the end of the year amounted to Rs. 24,196-15-2. The following are the details :—

	Rs.	a.	p.
Establishment	9,425	0	0
Contingencies	557	9	7
Road repairs...	1,209	14	3
Work	13,039	6	9
	24,231	15	2
Credit by sale of contract forms ...	35	0	0
Total ... Rs.	24,196	15	2

U.—Surface drainage works in the Kamattipura District.

98. Contractors Messrs. Ali Mahamed Abdulali & Co. The Corporation sanctioned these works under their Resolution No. 1198 of the 5th May 1898, at a cost of Rs. 91,805. Tenders were invited on the 29th July 1898, returnable on the 17th August 1898. Six were received, of which that of the above-named contractors was the lowest. It amounted to Rs. 51,898, and was accepted under the Standing Committee's Resolution No. 5001 of the 31st August 1898. It was executed on the 16th September 1898, and the order to commence work given on the 21st September 1898. The contract period expires on the 21st June 1899 ; the progress made has been satisfactory. The expenditure on the whole work incurred and passed during the year amounted to Rs. 50,741-4-11 as detailed below :—

		Rs.	a.	p.
Establishment		2,257	1	10
Contingencies		807	10	4
Road Repairs		4,077	2	9
Surface Drainage Works		41,972	0	4
9" pipe sewer		1,667	5	8
	Rs.	50,781	4	11
Credit by sale of contract forms...	„	40	0	0
Total ...	Rs.	50,741	4	11

V.—Providing 41 *manholes on the old Ovoid Sewers in Kamattipura.*

99. This was one of the new works provided for from current revenue in the Budget for 1898-99, and was entrusted to the Contractors for the storm-water drainage works in Kamattipura and was completed by them. The cost amounted to Rs. 2,543-7-7 against the grant of Rs. 3,087 ; the net saving was Rs. 543-8-5.

W.—Work in 9" pipe sewers in the new roads in the southern parts of the Apollo Reclamation (portion of Merewether Road, Henry Road Extension, Ormiston Road Extension and the new 80-foot road near the sea.)

100. Contractors Messrs. Sulemanji Mulla Abdulali & Co. The Port Trustees having desired that this work should be done by the Municipality, they deposited the aggregated sum of Rs. 4,858. The work being of a very urgent character, tenders could not be invited, hence the Standing Committee under their Resolution No. 4320, dated the 11th August 1898, sanctioned the work being placed in the hands of Messrs. Sulemanji Mulla Abdulali & Co., as an extension of their contract for the Mazagon works. The Port Trustees agreed to pay the actual cost plus 7½ per cent. for supervision. The final bill including 7½ per cent. for supervision amounted to Rs. 4,531-10-7 against the grant of Rs. 4,858-0-0, leaving a balance of Rs. 326-5-5 to be refunded to the Trustees.

101. The Committee appointed to report upon the scheme for the drainage of surface and subsoil water held their first meeting on the 20th October 1897, subsequent meetings were held, and the subject came before the Corporation and was referred to another Committee, and a report from them was laid before the Corporation on the 25th February 1899, and at a meeting of the Corporation held on the 11th May 1899, a Resolution was passed authorizing the Commissioner to enlist the services of Mr. W. Santo Crimp, and appointed a Committee to co-operate with that gentleman. An account of what has been done with regard to the subject, will be found embodied in the Special Drainage Engineer's Report at page 654

Supply of Stoneware Pipes and Fittings, Iron Articles and Cement.

102. Quotations were called for the supply of stoneware pipes, &c., from Messrs. Garlick & Co., and Messrs. Richardson & Cruddas, but the latter firm having replied that they had none in stock, the order was placed with the former.

103. The bill certified and passed during the year amounted to Rs. 1,088-9-0. Cast iron gratings required for the surface drainage works of Kamattipura were obtained from the casting contractors, Messrs. Sorabji Shapurji & Co., at the contract rate of Rs. 6-8-0 per cwt., minus a discount of 2½ per cent. The value supplied amounted to Rs. 1,293-1-6 less the discount. Other castings to the value of Rs. 1,988-4-7 were also obtained.

Cement.

104. Indents for cement were made upon the Deputy Executive Engineer, Drainage, as before.

Colaba Air Compressor Station.

105. The machinery in this station has continued to work satisfactorily. There has been a considerable increase in the quantity of sewage lifted, the approximate quantity from the 1st March 1898 to the 28th February 1899, being slightly over 325 million gallons against 220 million gallons for the same period during 1897-98.

106. A Worthington donkey pump was purchased from Messrs. Garlick & Co. for Rs. 410 to be used in the event of failure of the small ejectors in the ejector stations. It is actuated by compressed air from the air main. The Corporation under a Resolution No. 4411 of 3rd August 1896, sanctioned a grant of Rs. 1,063-8-10 from surplus cash balance for providing a fire service at the air compressor station and a subsequent arrangement was entered into between the Municipality and the Port Trustees, whereby the former on payment to the latter of Rs. 445-8-10 acquired the right to effect a 3-inch connection with the 6-inch water main belonging to the Trustees. Two hydrants were fixed in the compound of the station at a cost of Rs. 331-10-11. Hose, buckets, &c., were provided, and the total expenditure from the grant amounted to Rs. 1,047-14-10. A supplement to the grant for stores and contingencies was found necessary, and a transfer of Rs. 750 from the coal grant was sanctioned.

107. The following statement shows the grants under the several Budget heads for the maintenance of the station and the actual expenditure incurred under each head :—

Sections.	Particulars.	Budget grants including transfers and renewed grants	Expenditure.
		Rs. a. p.	Rs. a. p.
1	Establishment	6,876 0 0	6,532 10 4
2	Extra Labour	920 0 0	208 11 0
3	Coal ... ... Rs. 18,360 0 0		
	Less transfer ... ... „ 750 0 0		
		17,510 0 0	14,876 5 7
4	Repairs to machinery of the Station and Ejectors	1,000 0 0	990 1 6
5	Stores and contingencies ... Rs. 2,400 0 0		
	Add transfer ... ... „ 750 0 0		
	Do ... Renewed grant ... „ 210 6 0		
		3,360 6 0	3,228 13 10
6	Repairs to Buildings	200 0 0	194 5 11
7	Telephone connection ... Rs. 262 8 0		
	Add Renewed grant ... „ 87 8 0		
		350 0 0	350 0 0
8	Rent payable to Telephone Co. for tell-tale ...	475 0 0	475 0 0
9	Water supply	1,000 0 0	808 6 0
10	Halalkhor tax in respect of the residences at the Air Compressor Station	172 0 0	165 4 10
	Total ... Rs.	31,863 6 0	27,829 11 0

DRAINAGE.

108. *Pumping Station, Love Grove, Worli.*—The Worthington engines at this station continued to work satisfactorily. The efficiency of the pumps ascertained by fortnightly observations showed an average of 92·4 per cent. The gun metal rams of No. 1 engine have been replaced by cast-iron rams. This is a tentative measure for economical reasons, being much cheaper than the gun metal rams. The quantity of coal consumed during the year consisted of 1,265 tons of Borrea Anthracite, 1,254 tons 18 cwts. 1 qr. of Singareni, and 900 tons of Cardiff ; this works out to an average daily consumption of 9 tons 7 cwts. 1 qr. 15·9 lbs. against 10 tons 1 cwt. 10½ lbs. in the previous year. Owing to an increase in the price of coal, the grant of Rs. 56,000 was exceeded by a sum of Rs. 5,479-8-10. This was met by a transfer of Rs. 5,500 from savings from the Drainage Department Budget.

109. On account of the isolated position of this station it has been thought advisable to provide fire-arms and ammunition for the use of the Engineers in case of riots and disturbances. Accordingly four revolvers and 50 rounds of ammunition were purchased from Messrs. Treacher & Co. at a total cost of Rs. 159-0-8 and licenses obtained from the Commissioner of Police for the arming of the non-European Engineers at a cost of four annas each. The work of converting the old engine house into a shred-lifter chamber office and godown has not been completed, but fair progress has been made with work.

110. A rental of Rs. 80 per mensem was realized throughout the year for the bungalow on the property owned by Messrs. Tribuvandas Varjiwandas and Jagmohandas Varjiwandas.

HOUSE CONNECTIONS.

111. The street portions of house drainage connections carried out by the contractors Messrs. Dewram Keshavji & Co. were as follows :—

No.	Name of the District.	No. of connection.	Total cost.
		Rs. a. p.	Rs. a. p.
1	Mandvi	398 0 0	12,752 0 0
2	General District { New houses ... / Old houses in various parts of the City ...	356 0 0 / 172 0 0	9,975 15 3
3	Mugbhat	271 0 0	6,959 11 1
4	Cumballa Hill	57 0 0	5,262 1 7
5	Parel.	64 0 0	2,544 1 3
6	Carnac Road	53 0 0	1,602 0 4
7	Colaba	9 0 0	661 6 4
8	Peerkhan Lane	1 0 0	55 3 3
	Total ...	1,381 0 0	39,813 4 2

112. Action by notice and summons has been taken against 1,342 house-owners where it was necessary to enforce to making of the connections.

CATCH-PITS, WATER GULLIES, MANHOLES, VENT-SHAFTS, &c.

113. *Catch-pit on the Mint Road.*—In the original estimate wooden shutters or dampers were to be used to exclude sewage when necessary, but it was decided that wood would be very unsuitable to the requirements, hence cast-iron penstocks were substituted at an estimated extra cost of Rs. 520, met by a transfer from savings in the grant for drainage loan works. The work was nearly complete at the close of the year. The certified expenditure up to the 31st March 1899 amounted to Rs. 4,804-2-4.

114. *Catch-pit on Hornby Road near Arthur Crawford Market.*—This work was deferred for financial reasons.

115. *Construction of water gullies in different parts of Bombay.*—Three water gullies with connecting drains at Hornby Road and two at the east end of Carnac Bridge were completed by the contractors Messrs. Dewram Keshavji & Co. These works cost respectively Rs. 763-8-8 and Rs. 893-8-3.

116. The drain from the water gully at the Customs Pier Road, Mazagon, was laid direct to the sea at a cost of Rs. 275-4-10, being an excess of Rs. 233-4-10 over the grant of Rs. 42 met from savings in the grants for other water gullies. The contractors were Messrs. Dewram Keshavji & Co.

117. *Construction of permanent manholes on drains.*—Eighteen manholes on Duncan Road and six in Grant Road were constructed departmentally at a total cost of Rs. 1,645-14-0. A grant of Rs. 4,193 was sanctioned for the construction of manholes and shafts on the sewer between the European General Hospital and Arthur Crawford Market. The work was undertaken departmentally and was in progress at the close of the year. The certified expenditure up to the 31st March 1899 was Rs. 977-5-7. The construction of three manholes and six shafts on the Mint Road sewer was completed departmentally on 9th July 1898 at a cost of Rs. 2,237-14-0.

118. *Installation for providing electrolized sea water.*—The plant was stopped on the 20th June 1897, owing to the commencement of the rains and on account of delay in completing

the arrangements for pumping up sea water by means of the electrical transmission plant. The overhead electric line was completed by the 6th April 1898 at a total cost of Rs. 1,342-5-4 as against the estimated amount of Rs. 1,622. The plant was re-started on the 7th April 1898 and found to work satisfactorily. The system was kept at work up to the 18th June 1898, when it was again stopped on account of the south-west monsoon.

119. In connection with flushing operations in the Fort District the Drainage Department used a considerable quantity of the electrolized water which was conveyed in carts belonging to that Department, but by far the greater portion was used by the Health Department. The Health Officer reports favourably regarding the efficacy of the fluid, and suggests further trial. Operations were again renewed on the 9th January 1899, and continued up to the close of the year. The total cost of working and maintaining the plant during the year was Rs. 2,901-10-6. The actual number of days that the system worked was 119. The experimental stage not having yet passed, no definite results have been arrived at.

120. The work of converting the night soil depôt at Haines Road into a receiving depôt could not be completed within the contract period. Hence a three months' extension was granted to the contractors Messrs. Dewram Keshavji & Co., who completed the work on the 24th October 1898. The total expenditure amounted to Rs. 13,647-12-0.

121. Latrines and urinals have been added to those already existing, the sites chosen being such as to best meet local requirements.

122. The sluices and penstocks under supervision of the staff in charge of them worked satisfactorily, and the up-keep charges were within the budgetted provision. New gates for Love Grove sluices are being made at the Municipal Workshops. The total length of sewer cleaning performed during the year was 68,588 feet as against 51,880 feet the previous year. Works in connection with the sanitary arrangements of the various health camps were carried out by the Drainage Branch.

123. Proceedings were taken against persons who omitted to comply with certain conditions of the Municipal Act. Of

these 2,378 were notices, the terms of which were complied with in 1,306 instances and disregarded in 1,072 cases. 1,495 summonses were issued, of which 552 were withdrawn and 943 complied with. The amount of fines inflicted was Rs. 906.

124. The value of drainage stock, such as stoneware pipes, cast-iron fittings, cement, &c., at the commencement of the year was Rs. 3,94,389-1-6. Receipts and issues amounted to Rs. 51,703-5-7 and Rs. 58,779-0-5 respectively, and the total value of stock in hand at the close of the year was Rs. 3,87,313-6-8.

WATER WORKS.

125. *Tansa Lake.*—The rainfall for the year 1898 was 98·68 inches, that for 1896 and 1897 being 120·13 and 104·82 inches respectively. The heaviest fall of rain occurred on the 21st July when 4·05 inches were registered. The lowest recorded level of the water was 394·53 T. H. D. on the 9th June 1898. The lake commenced to overflow on the 8th July after 31·52 inches of rain had been registered and ceased to overflow on the 4th October 1898. The storage above the lowest outlet on the 1st October 1898 was 18,600 millions of gallons and on the 1st April 1899 it was 12,113 millions of gallons, showing a consumption of 6,487 millions of gallons in six months, or 35·6 millions of gallons per day, including evaporation and leakage ; of this about 23·8 million gallons were delivered into the aqueduct. The quantity of water which passed over the waste weir is estimated at 25·198 millions of gallons. The highest flood level was 405·9 T. H. D. on the 21st July. The balance of Water delivered at Ghatcooper syphon head is estimated at 7873·1 millions of gallons. About 47·5 millions of gallons passed into the Vehar Lake as against 165 and 213 millions for the years 1896-97 and 1897-98 respectively. The amount is yearly diminishing owing to the increasing consumption of Tansa water.

126. The quarters for Sub-Inspectors and watchmen were completed on the 30th June 1898. The expenditure up to the end of March 1899 was Rs. 11,560-5-2 against the grant of Rs. 12,000.

127. The repairs to a portion of the embankment from Godowli and Balcomb were effected at a cost of Rs. 48,757-5-4 ; a further sum of Rs. 35,892 was entered in the Budget for 1897-98, but not having been spent will be re-appropriated during the current year.

128. The contract has been let to Messrs. Littlewood, Pallanji & Co. for Rs. 20,726-6-0.

129. Three important leaks between the invert and side walls were stopped, but have re-appeared.

130. One burst occurred during the year at syphon No.5 necessitating stoppage of the water for three days. On the 18th June a subsidence in the bank occurred south of bridge No. 3 over the Bassein creek ; this caused a stoppage of water for three days. The work of re-constructing a portion of the Tansa duct at the end of the 45th mile was not completed at the close of the year.

131. *Vehar Lake.*—The rainfall for 1898 was 94·51 inches, that for 1896 and 1897 being 109·81 and 97·36 respectively. The heaviest fall occurred on the 22nd July when 6·23 inches were registered. The lowest water level during the year was 252·80 T. H. D. on the 8th June 1898. The overflow commenced on the 11th September and ceased on the 1st October 1898. The waste weir stop planks were raised, thereby increasing the storage capacity by about 400 million gallons. The storage of water on the 1st October 1898 was 11,767 million gallons and on the 1st April 1899 8,949 million gallons, showing a consumption of 2,827 million gallons, including evaporation and leakage, but exclusive of that received from Tansa duct. This consumption covers a period of six dry months of the year. 47·5 million gallons were received from the Tansa overflow. The quantity of water that overflowed the waste weir is estimated at 2,300 million gallons. The filter beds worked regularly during the year and were cleansed on an average of every 10 days.

132. Two bursts in the 32″ and 24″ mains occurred, one at Coorla, and the other at the junction of Marole and Andheri roads ; the former caused a stoppage of water for 24 hours and the latter for 30½ hours.

133. The construction of the road from Vehar to Tulsi has been sanctioned, but not yet taken in hand.

134. *Tulsi Lake.*—The rainfall for the year 1898 was 111·58 inches, that for the two previous years 1896 and 1897 being 139·52 and 118·66 inches respectively. The heaviest fall of rain occurred on the 22nd July and was registered at 9·84 inches. The lowest water level reached was 438·15 T. H. D. on the 10th June 1898. Overflow commenced on the 24th July 1898, and ceased on the 21st September. The storage on the 1st October 1898 was 2,269 millions of gallons and on the 1st April 1899, 1,222 millions of gallons, thus showing a consumption of 1,047 millions of gallons. During the six dry months of October to March this was inclusive of evaporation and leakage. The catch-water channel entering the lake at the south-west end was repaired and other necessary work done departmentally.

135. *Pawai Lake.*—Negotiations have been concluded between the Corporation and the Agave Fibre Syndicate to let the property for the cultivation of the Agave plant and its manufacture into fibre and to supply water from the lake.

136. *Amphibia.*—Seven crocodiles and 41 eggs were destroyed during the year.

137. *Bhandarwada Reservoir.*—On account of the contractor, Mr. Sitaram Laxman, not washing the sand for the filters in a proper manner, this portion of the work is being done departmentally. Filter No. 9 was put in use on the 14th February 1899 and found to work satisfactorily, but the rate of filtration is practically reduced by one-fourth owing to a leak through the arching into the reservoir. The work of charging filter No. 8 is nearly complete. The filtering materials of No. 5 filter have been washed and replaced departmentally at a cost of Rs. 1,960. It is now working satisfactorily.

138. *Malabar Hill Reservoir.*—The sand in filters Nos. 2 and 3, which was the subject of a dispute with the contractors, has been washed and replaced departmentally at a cost of Rs. 2,366, of which Rs. 436 were contributed by the contractors. The filters are now working satisfactorily. It is proposed to extend the filter-beds, but experiments will first be made to ascertain the most efficient rate of filtration.

139. *Miscellaneous Works.*—The laying of the 9″ main in Worli Road substituted for the 3″ main was completed during the year at a cost of Rs. 42,617-7-0 and is now in use. The work of laying 4″ cast iron mains in various parts of the city was entrusted to Mr. Pallonji Edulji at an estimated cost of Rs. 24,373-2-0 and completed on the 12th May at an expenditure of Rs. 22,769-10-1. The total number of lineal feet laid was 9,098.

140. A revised scheme for extension of mains in various parts of the city is the subject of inquiry by a committee of the Corporation.

141. *Distribution and Maintenance.*—The number of connections cut off during the year at the instance of the Executive Health Officer was 204 and to meet the necessities of the people 151 stand pipes were erected. The consumption of water continues to be excessive and was about the same as the previous year. The conversion of dipping wells into stand pipes was completed at Sion Road, Bhoiwada Cross Road, Cowasjee Patel Street and Clerk Road.

142. The number of bursts during the year was 93 against 109 the previous year.

143. On account of demolition of buildings, non-payment of rates or for infringements of the Municipal Act, 176 connections were cut off.

144. The net increase in the number of connections, exclusive of those made for health camps, &c., has been 175 or 3·7 per cent. The total number now stands at 19,990. The number of meters in use on the 31st March 1899 was 2,371, being an increase of 162 on that for the previous year. The consumption by meter for the year registered a little over 1,470 millions of gallons. For the preceding year the quantity was a little over 1,253 millions of gallons.

145. The fountain at the junction of Elphinstone and Dadar Roads erected at the expense of Mr. Shaisha R. Naidoo was completed at the beginning of the year.

STOCK.

146. The value of reserve stock on the 1st March 1898 was Rs. 4,22,005-10-5. The purchases during the year aggregated Rs. 46,894-3-3 and the issues Rs. 72,397-12-9. The balance on the 1st March 1899 was Rs. 3,96,501-15-9.

147. The sale of the rights to remove vegetable produce from the environs of the lakes, &c., realized Rs. 1,183 as against Rs. 1,788 in 1897-98.

148. The total number of notices issued during the year was 7,369 against 10,010 in 1897-98. Sanction was accorded by the Standing Committee for the severance of the connection of service pipes in 1,621 instances. In 176 cases the sanction was carried into effect.

MUNICIPAL BUILDINGS.

149. The most important buildings completed during the year are enumerated below :—

Fergusson Road Market.

Quarters for Malis in Victoria Gardens.

Ward Offices for Streets and Buildings Department at Gamdevi.

150. The additional works which were in progress at the Sankli Tank Fire Brigade Station have been completed. The total amount expended upon the construction of this station is Rs. 1,74,453-11-6.

151. The Gamdevi Fire Brigade Station was completed on the 16th July 1898, and occupied the following day. The total amount expended upon this work has been Rs. 14,447-10-8.

152. The Market at Fergusson Road was completed on the 31st October 1898, and was opened to the public on the 1st November 1898. The total expenditure passed up to the 31st March 1899 has been Rs. 6,829-12-9.

153. The extension of the Beef and Slaughter-house at Bandora was delayed for financial reasons, but the work will be taken in hand during the current year. The work of filling in quarry holes near the Slaughter-house at Bandora was completed at a cost of Rs. 3,883-5-7, as against the estimated cost of Rs. 4,177.

154. It was found necessary to add down-take pipes and gutters for carrying off the rain from the additional sheds for sheep and goats at Bandora. The work was completed during the year. The total amount expended upon the structures was Rs. 5,959-10-9.

155. The quarters for malis in the Victoria Gardens were completed on the 4th October 1898, and occupied on the 5th of the same month. The expenditure on the completed work has been Rs. 12,123-0-5.

156. The order to commence the work of erecting quarters for the Head Animal Keeper in the Victoria Gardens was delayed for financial reasons, but the contract was given to Messrs. Deoram Kesavjee & Co. on the 16th December 1898, and fair progress has been made with the work. The total expenditure passed up to the 31st March 1899 has been Rs. 2,538-8-9.

157. The order to commence the additions and alterations to the chal at Dadar was given on the 21st December 1898, and the work is in satisfactory progress. The expenditure passed up to the 31st March 1899 has been Rs. 416-0-3.

158. The Ward Offices of the Executive Engineer's Department at Gamdevi were completed on the 16th April 1898, at a total cost of Rs. 4,239-7-6.

159. The Standing Committee approved, under their Resolution No. 12424 of the 23rd March 1898, of the deed of trust being drawn up by the Municipal Solicitors and the Solicitors of Bai Dinbai jointly for the erection of the Nasarwanji Manokji Petit Public Hall, but the decease of the lady caused some further delay and the arrangements were not completed by the close of the year.

160. A statement of Municipal properties will be found as an Appendix to the Executive Engineer's Report.

161. Applications to build or rebuild during the year numbered 1,671 or 542 more than the previous year; of these 1,638 were passed either wholly or partially, and only 33 unconditionally disapproved on sanitary or other grounds.

162. The number of notices issued to house-owners, under various sections of the Municipal Act, was 3,591, being 1,044 less than in 1897-98. 532 summonses were issued against house-owners for non-compliance with the notices. In 442 instances the parties complied with the terms of the notices. In three cases the parties were warned and discharged, and 29 cases resulted in conviction and fines. There were 37 postponements to periods within the current year, and in 20 instances second summonses were issued, and one case necessitated the issue of a third summons. The total amount of fines was Rs. 410.

163. During the year 28 buildings or parts thereof collapsed. In 18 of these cases no personal injuries were sustained, but in an aggregate of instances 31 persons were injured and 7 killed. Under various sections of the Municipal Act, 3,289 orders were issued for the summary removal of dangerous or objectionable structures; 314 of these were dealt with departmentally and 2,243 were executed by the house-owners or withdrawn, 732 cases remained pending at the close of the year.

164. The total amount sanctioned for Street Improvements was Rs. 2,00,735. Out of this Rs. 1,11,247-12-6 were actually expended during the year. The total ground area added to streets during the year was 5,232·74 square yards.

ROADS.

165. All the properties required for the construction of Reay Road have been acquired and a portion of the road between Dockyard Road and Gunpowder Road was completed at a cost of Rs. 13,812-4-2 and opened to traffic on the 10th August 1898. The required portion of the premises of the N. S. D. Rosary Church was acquired under the Land Acquisition Act and tenders will be invited for the construction of that part of the road which will lie between Dockyard Road and Lawrence De Lima Street. The Military Authorities having handed over strips of land near the Gunpowder Road which were needed for the construction of the new road, this part of the work will be shortly taken in hand. There will then remain that part between Lawrence De Lima Street and Wari Bunder Road, and the northern

approach to the proposed overbridge over the existing railway sidings to be completed, but this involves correspondence with the Port Trustees and the G. I. P. Railway Company and may necessitate a departure from the original line of the road.

166. The completion of the Victoria Road was delayed by a Mahomedan building used as a school-room, which was represented to be a mosque, being in the way, but it has been removed and the road will soon be completed. For the purpose of the proposed road from Dongri Street across Nowroji Hill to Elphinstone Bridge only one property has been acquired. Further progress has been stopped as the City Improvement Trustees contemplate making a new street of which the proposed road would form a part.

167. The vacant lands in Agripada have been handed over to the City Improvement Trustees. At this time, a portion of Souter Road, which the Municipality was constructing, remained incomplete. A compromise has been offered to the contractors which, if accepted, will enable the accounts for the work to be closed. The accounts of the Vincent Road are not settled as the contractor filed a suit for claims above the amount paid to them and the case is still pending. The Arthur Road Diversion has been completed at a cost of Rs. 16,266-11-1.

168. *Miscellaneous.*—The burial ground for the use of Suni-Mahomedans at Tank Bunder has been completed. The inquiry by the Collector of Bombay concerning the acquisition of 29,837·33 square yards of ground at Narielwadi for the future extension of this burial ground has nearly been completed and it is expected that the land will soon be in the possession of the Municipality. Arrangements will then be made to fill it up and build an enclosure wall around it. Walls have been constructed around a portion of the land purchased from Mr. Ashburner at Mount Road and the land has been handed over to the Beni-Israel Community for burial purposes.

169. A plot of land admeasuring 30,390 square yards has been acquired for extending the Christian cemetery at Sewri. The work of preparing the ground and building a wall

around it will be taken in hand shortly. One of the two plots of land for burning and burial ground at Mahim has been acquired by purchase and the Corporation has sanctioned the acquisition of the other. Negotiations are going on.

170. During the year 70,90,194 square feet of roads were repaired at a cost of Rs. 2,24,333 ; the rate for metalling only works out to 6 pies per square foot. The total quantity of metal purchased during the year was 11,61,502·43 cubic feet at a cost of Rs. 77,640-12-1. The watering of the city roads was satisfactorily carried out. The grant under this head was Rs. 85,400, which included Rs. 10,000 for providing hydrants. Of this Rs. 4,045-10-9 was expended. The new system of watering the roads has proved satisfactory.

171. No grant was made for paving foot-paths owing to financial depression. The tram lines at the junction of Cruickshank, Kalbadevi and Girgaum Roads were renewed during the year.

LIGHTING.

172. The total number of gas lamps in the City at the close of the year was 3,873. The minimum contract gas pressure and illuminating power were generally maintained throughout the year as heretofore. The kerosine oil lighting was carried out departmentally ; the oil used was snowflake of 150° proof. The total number of kerosine oil lamps in the City at the close of the year was 1,769. This system of lighting was maintained at a cost of Rs. 36,247-12-7, but from this amount there is to be deducted Rs. 2,857-15-4, being the proceeds of the sale of empty cases and tins, and Rs. 2,457-11-3 for departmental bills for lighting Plague Camps, &c., thus bringing the net cost to Rs. 30,932-2-0. This shows a rate of Rs. 17-7-9 per lamp per annum.

173. The electric-light installation for the Crawford Markets and Municipal Offices worked fairly well during the year. One serious stoppage of the arc lights at the Crawford Markets occurred owing to the burning out of a field magnet coil of the dynamo. No failure of the Municipal Office lights occurred during the year.

174. A new armature for the Clock Tower dynamo was purchased from Messrs. John Fleming & Co. for Rs. 346 and two new link leather belts for the Municipal Office and Markets dynamos were procured from Messrs. Shallis and Duncan at a cost of Rs. 366-6-0. A new cable was laid from the engine room at the Workshops to the Crawford Markets for the arc lamp service at a cost of Rs. 173-15-3. The actual total expenditure for maintaining the system was Rs. 11,898-9-0 ; the apportioned amount was Rs. 10,947 ; the excess was met by a grant of Rs. 1,100, from savings in the grant for gas lighting.

WORKSHOPS.

175. The balance in favour of the Workshops at the close of the year amounted to Rs. 14,083-10-6. The settlement of the question of rent payable to Government for the ground covered by the Workshops and the adjoining house known as Grant House not having been effected, no rent was paid during the year under report. This accounts for the apparent increase in the profits. Charges for water consumed from the 1st October 1897 to 30th September 1898 amounting to Rs. 1,441-5-3 were credited to the Municipal Fund and were met out of the grant for stores and water supply. Unforeseen works necessitated an additional grant of Rs. 30,000 from surplus cash balance, but the whole amount had not been utilized at the close of the year owing to certain articles of hardware not having arrived from England.

176. The Workshops have continued to keep in repair the rolling stock of the Health and Road Departments as well as the numerous articles of plant and machinery used by the various Departments. Dearth of workmen caused considerable difficulties to be encountered. As a great many wheels have to be made, a machine for their manufacture has been budgeted for and the item passed. The machine will, it is expected, shortly be at work. The want of more shop-room is much felt but the unsettled question of tenancy of the ground has prevented the application of remedial measures.

177. The Hydraulic Lift at the Municipal Offices worked satisfactorily during the year. The expenditure incurred amounted to Rs. 1,679-10-7 against the Budget grant of Rs. 1,700.

INSPECTION OF INSANITARY HOUSES.

178. The systematic inspection of houses which was in hand at the commencement of the year in the following districts was continued :—Lower Colaba, Fort, Dhobi Talao, Chukla, Mandvi, Umarkadi, Dongri, Buleshwar, Kamatipura, 1st Nagpada, 2nd Nagpada, and Byculla. The following districts were also taken up :—Market, Kharatalao, Khumbharwada, Tardeo, and Walkeshwar. The inspection in Dhobi Talao and Kamatipura districts has been practically completed. In several cases improvements have been carried out and progress is being made with others.

179. Altogether 2,633 houses were inspected, of which 2,213 were found more or less in need of improvement; 405 houses were found impossible of improvement and only fit for demolition. The remainder did not require improving. In all, 293 houses were demolished.

180. There were 2,086 notices issued during the year requiring house owners to improve their buildings. In 704 instances the owners took the work of improvement in hand. 725 houses were declared unfit for human habitation, out of which 87 were closed permanently for demolition, 509 temporarily for enforcing improvements, and 129 that action might be taken for improving the ventilation.

181. Compensation awarded by the Government Assessor for buildings demolished, under sections I and IX of Government Notification No. P.-228 dated 10th February 1897, amounted to Rs. 12,890, and for the demolition of huts, under section 426 of the Municipal Act, to Rs. 2,989-6-7, and a sum of Rs. 1,097-1-5 remains to be paid owing to the putative owners not having proved their titles to receive the compensation.

PLAGUE CAMPS.

182. Numerous plague camps were erected or strengthened during the year. These camps were mostly composed of bamboo sheds roofed with cudjans, but in some instances corrugated iron was used. General sanitary accommodation was provided wherever needed, and the efficiency of the water-supply was well looked after. Lighting was by means of

kerosine oil lamps placed upon posts. Several camps in low-lying districts were pulled down at the beginning of the south-west monsoon as they might otherwise have been washed down and the materials were utilized for repairing other camps and some were stored for future use.

Disposal of city refuse.

183. The scheme under this head comprises the following works :—

a—The construction of two tipping platforms and a Railway siding on the Mahalakshmi flats, including the erection of culverts over the open Agripada drain, crossing the line of the siding.

b—The construction of rolling stock for the conveyance of the refuse.

c—The construction of roads to the platforms.

d—The construction of a railway line from Kurla station of the G. I. P. Railway to Deonar, the future depository of the ordure, including the culverts to span the waterways.

184. The entire works comprised under sub-heads A, B and C have been completed. That under sub-head D has also been nearly completed. Some difficulty was encountered in carrying out this part of the work owing to the failure of the contractors, hence it was determined to complete this portion of the work departmentally. A beginning was made at the end of May 1898, and the work was in progress at the end of the year under report.

FIRE BRIGADE.

185. The efficiency of the Fire Brigade continued to be maintained. No fatalities occurred to the members but several of them sustained slight injuries in the discharge of their duties and in one instance a Mahomedan Fireman received injury to his ankle which incapacitated him from further service. He was therefore pensioned.

186. The water supply at fires has been satisfactory. The new quarters at Gowalia Tank Road were completed and occupied on the 1st September.

187. The whole of the fire hose has been renewed. Sanction was accorded to the Brigadesmen receiving an allowance of one-fifth of their respective pays (except the Chief Officer) for extra duty performed throughout the year in flushing gullies in connection with the measures adopted for suppressing the Plague.

188. One horse was purchased to replace one destroyed in consequence of having broken one of its hind legs.

189. An order for 3,000 feet of delivery hose and 10,500 feet of hose for flushing purposes was satisfactorily executed by Messrs. J. Fleming & Co. through whom it was obtained.

190. The strength and equipment of the Fire Brigade is as follows :—

Strength.

1	Chief Officer.	12	First Class Tindals.
1	Clerk.	6	Second do.
1	Head Foreman.	108	Firemen of grades.
5	Foremen.	7	Drivers.
6	Engineers.	7	Grooms.

Total 154, including all ranks.

191. The Surgeon having been included in the Health Department Budget, under the Corporation's Resolutions Nos. 14093 and 5285 of the 15th March and 2nd September 1897, respectively, has ceased to appear on the strength of the Fire Brigade.

Equipment.

8	Steam Fire Engines.	6	Telescopic Fire Escapes.
9	Manual do.	1	Brake.
16	Hose reels.	16	Horses.
7	Tender carts.		

192. Delivery hose comprising 256 lengths aggregating 15,360 feet and other necessary appliances.

193. The estimated damage to property by fire and water during the year amounted to Rs. 30,47,915.

194. The following table gives the number of fires and estimated loss during the year under report as compared with the preceding year :—

	Serious Fires.	Slight Fires.	Total.	Estimated loss.
1897-98...	23	113	136	Rs. 19,98,464
1898-99...	12	103	115	„ 30,47,915

195. The most destructive fire of the year occurred on the 26th June at Ahmedabad Street where a large cotton warehouse with its contents and several residential buildings were destroyed, the estimated loss amounting to Rs. 9,55,500. On the 8th September another large fire occurred at the Mahomedan Mill, Tardeo, resulting in a loss of Rs. 5,25,000. On April 7th, a spice warehouse at Syed Mukri Street, Mandvie, was severely damaged by fire, the resulting loss being estimated at Rs. 42,500. On the 1st July a call of fire was received from the P. & O. S.S. " Ganges " in the Harbour, but the brigade appliances could not be utilized there being no means of conveying them to the burning vessel. The loss sustained in this case was estimated at Rs. 4,50,000. On August 27th, a cotton warehouse at Colaba was with its contents damaged by fire and water to the extent of Rs. 1,91,250, and on January the 12th the Damodhar Lukmidas Mill at Parel sustained damage to the extent of Rs. 85,000.

196. A comparative list of fires for the past five years is given below :—

Year.	Number of Fires.	Value of property destroyed.
1894-95...	97	Rs. 2,25,445
1895-96...	130	„ 20,41,571
1896-97...	122	„ 18,75,662
1897-98...	136	„ 19,98,464
1898-99...	115	„ 30,47,915

PUBLIC GARDENS.

197. The following public gardens were maintained during the year :—

(*a*) Victoria Gardens.
(*b*) Elphinstone Circle Garden.
(*c*) Northbrook Garden.
(*d*) Malabar Hill Garden.
(*e*) Bazar Gate Garden.
(*f*) Falkland Road Garden.
(*g*) Dick's Tank Garden.
(*h*) The Flats Garden.
(*i*) Municipal Office Garden.
(*j*) Sir Cowasji Jehangir Garden at Mahim.

198. A portion of the masonry of the clock tower fell down, injuring the clock slightly. Measures were adopted for effecting the necessary repairs.

199. A 4-inch water main has been substituted for the 3-inch one to meet irrigation requirements, and the drainage has been improved.

200. The refreshment room in the Victoria Gardens was let for a period of three years at a monthly rental of Rs. 25, and it is probable that as it is being conducted on a somewhat superior scale by the present lessee it will become a convenient attraction.

201. New quarters for twenty gardeners were completed and occupied during the year, and quarters within the gardens for the Assistant Superintendent were taken in hand, and at the close of the year were approaching completion.

202. The dearth of good gardeners was felt attributable to the plague, but on the whole all the Municipal gardens as well as the roadside trees were well looked after.

203. Numerous additions by purchase and presentation were made to the Horticultural and Zoological sections.

204. Fifteen deaths occurred amongst the animals and birds.

205. The number of visitors to the Victoria Gardens during the year was 788,890 against 762,811 the previous year, being an increase of 26,079.

VICTORIA AND ALBERT MUSEUM.

206. Some additions were made to various sections of the Museum, especially in the Ornithological and Entomological departments and specimens prepared for exhibition. The Geological department received a unique addition in the form of a piece of a meteorolite, which fell in a village at Gambat on the 15th September 1898. It was presented by Mr. H. E. M. James, Commissioner of Sind, who also presented a model in plaster of the whole meteorolite.

207. The usual care was bestowed upon the preservation of the specimens in the various sections.

208. The Museum was open to the public for 313 days during the year, and the number of visitors was 656,840 as against 641,500 during the preceding year. The daily average was 2,098. The number of visitors for the past five years is shown below :—

Year.	No. of Visitors.	Daily Average.
1894-95	685,047	2,188
1895-96	749,299	2,378
1896-97	584,865	1,874
1897-98	641,500	2,042
1898-99	656,840	2,098

VI.—Public Health.

209. The state of the public health during the year under review was unsatisfactory. The mortality was 4,065 more than in the preceding year.

210. The total number of deaths from all causes amounted to 51,961 equal to a death-rate of 63·23 per 1,000 of population, calculated on a population of 8,21,764 (census of 1891). The average number of deaths for the previous five years amounted to 1,56,900, or a death-rate of 38·18 per 1,000 of population.

211. The number and cause of deaths in the City during the last five years are shown in the following table :—

RETURN showing the Number of Deaths and the Death-rate per 1,000 of Population from Different Causes during the last Five Years.

YEARS.	Total number of deaths.	Per 1,000 of population.	Cholera.	Per 1,000 of population.	Small-pox.	Per 1,000 of population.	Measles.	Per 1,000 of population.	Fevers.	Per 1,000 of population.	Phthisis.	Per 1,000 of population.	Diseases of the Nervous System.	Per 1,000 of population.	Diseases of the Respiratory System.	Per 1,000 of population.	Diarrhœa.	Per 1,000 of population.	Dysentery.	Per 1,000 of population.	Accidents.	Per 1,000 of population.	Other causes.	Per 1,000 of population.	Plague.	Per 1,000 of population.
1894	27,330	33·25	426	·52	531	·64	787	·96	6,458	7·86	3,538	4·37	2,399	2·92	5,385	6·55	1,598	1·94	746	·91	390	·47	5,022	6·11	..	..
1895	25,081	30·52	90	·11	270	·33	544	·66	6,404	7·79	3,610	4·39	2,044	2·49	4,565	5·56	1,188	1·45	625	·76	488	·59	5,253	6·39	..	..
1896	33,451	40·71	490	·60	701	·85	241	·29	8,776	10·68	4,809	5·85	2,272	2·76	5,334	6·49	1,613	1·96	737	·90	487	·60	6,055	7·37	1,936	2·36
1897	47,896	58·28	1,265	1·54	57	·07	359	·44	6,951	8·46	5,927	7·21	2,141	2·60	7,857	9·56	1,869	2·27	1,682	2·05	520	·63	8,265	10·06	11,003	13·39
1898	51,961	63·23	104	·12	55	·06	254	·30	4,114	5·00	5,624	6·84	2,577	3·13	8,423	10·24	1,800	2·19	1,585	1·92	559	·68	8,681	10·56	18,185	22·12
Total ..	185,719	225·99	2,375	2·89	1614	1·95	2,185	2·65	32,703	39·79	23,558	28·66	11,433	13·90	31,564	38·40	8,068	9·81	5,375	6·54	2,444	2·97	33,276	40·49	31,124	37·87
Average of five years	37,144	45·20	475	·58	323	·39	437	·53	6,540	7·96	4,712	5·73	2,287	2·78	6,313	7·68	1,614	1·96	1,075	1·31	489	·59	6,655	8·10	6,225	7·57

212. The number of deaths according to place of birth was as follows:—

Born in Bombay	15,479
Born elsewhere and unknown	33,733

213. The sections of highest mortality were Kamattipura 95·91, 2nd Nagpada 95·48, Byculla 88·68, Parel 81·48, Kumbharwada 79·54, Tardeo 77·08 and the sections of the lowest mortality were Water Division 2·25, Fort Southern 4·30 and Walkeshwar 20·01 per thousand of population. The death-rate was highest amongst Negro-Africans, Lingayets, Low-caste Hindus, Jains, Mussalmans and Buddhists being respectively, 616·44, 159·43, 98·82, 84·04, 72·60, 63·15, per 1,000 of population and lowest amongst Europeans, Jews, Parsees, Eurasians, Brahmins and Native Christians being respectively 17·89, 36·84, 39·13, 45·26, 46·70, 47·28 per thousand of population.

214. *Small-pox.*—The deaths from small-pox were 55, being 2 less than in the preceding year. The rate of mortality was highest among Native Christians. The mortality was highest in 1st Nagpada, Water Division, Mahim, Worli, Sewri and Mazagon.

215. *Measles.*—There were 254 deaths from measles, being 105 less than in the last year. Of these, 200 occurred in the first four years of life. The highest mortality was amongst Lingayets, Hindu low-castes, Jews and Mussalmans. The death-rate was highest in 1st Nagpada, Khara Talao, Dongri, 2nd Nagpada, Kamathipura, and Byculla.

216. *Fevers.*—There were 4,114 deaths from fevers, being 2,837 less than in the last year. The death-rate was highest in the districts of Parel, Mahim, Kumbharwada, and Byculla. The greatest mortality was amongst Negro-Africans, Hindu low-castes, Mussalmans and Native Christians.

217. *Cholera.*—The number of deaths from cholera was 104, being 1,161 less than in the preceding year. The sections of the highest mortality were Sion, Mahim, Dongri, Mahaluxmi and Byculla, being ·35, ·27, ·26, ·23, ·23 per 1,000 of population. The highest death-rate by caste was among Native Christians, Jains, and Hindu low-castes.

218. *Phthisis.*—There were 5,624 deaths from phthisis being 303 less than in the previous year. The death-rate was highest in 2nd Nagpada, Umarkhadi, Chakla, Kamatipura, and Khara Talao sections. The greatest mortality was amongst Negro-Africans, Lingayets, Mussalmans, Hindu low-castes, and Jains.

219. *Leprosy.*—There were 51 deaths from leprosy, being 12 less than in the preceding year.

220. *Plague.*—There were 18,185 deaths from Plague, being 7,182 more than in the last year. Detailed particulars of this disease have been given by the Executive Health Officer in his report.

221. Of the dead, 22,664 were burnt, 28,943 were buried, and 1,923 were conveyed to the Towers of Silence. This is inclusive of 1,569 still-born.

222. The number of births registered, exclusive of still-born was 10,784, or 1,448 more than in the last year. Of these, 5,640 were males and 5,144 females. The diminution in the number was probably due to the exodus of people on account of the prevalence of plague. Excluding Negro-Africans, the birth-rate was highest amongst Hindu low-castes, Jews, Lingayets. The sections giving the highest birth-rate were Mahim and Sewri.

223. On an average 4,003 men and women, 1,052·8 scavengering and drain carts, and 204·9 night-soil and cess-pool carts were at work each day. 3,88,816·75 tons of garbage, equal to 1,065·25 tons a day, were collected, removed and disposed of against 4,04,284·88 tons of garbage in 1897. 1,69,586·9 tons of night-soil, and cess-pool matter equal to 464·62 tons a day, were collected and removed against 1,56,057·09 in 1897. 172·1 miles of covered drains were opened and cleaned against 173·6 miles in 1897. There were 13 horses and 2,415 bullocks in the charge of the department, and of these 245 bullocks and one horse died. 4,229 notices and 2,401 summonses were issued against 5,077 and 2,489 in 1897.

LICENSES.

224. The total revenue collected on account of license fees during the year under report amounted to Rs. 61,363-8-0 as against Rs. 63,741-8-0 the preceding year; this decrease is more apparent than real, being chiefly due to the fact that some outstandings from the year 1896-97 were collected during the year 1897-98, the outstandings being caused by the absence of the licensees who left the city on account of Plague.

225. The following statement shows the amounts collected and the number of licenses granted during the past five years :—

Year.	No. of Licenses issued.	Amounts collected.
		Rs. a. p.
1894-95	5,701	63,914 8 0
1895-96	5,880	65,048 8 0
1896-97	5,130	56,462 8 0
1897-98	5,750	63,741 8 0
1898-99	5,588	60,646 8 0

226. The working of the department has been satisfactory.

MARKETS.

227. The total revenue from Markets and Slaughter-houses was Rs. 3,86,633-12-11 against Rs. 3,74,002-2-0 in the preceding year, showing a net increase of Rs. 12,631-10-11.

228. This rise is due to increases from several sources, chiefly from market fees and fees for butchers' licenses and slaughtering, an exceptionally large number of animals having been slaughtered during the year.

229. The following table shows for the last five years the number of animals slaughtered at the Bandora Slaughter-houses and in Bombay for Public and Commissariat consumption exclusive of the local supply to Bandora :—

Year.	Horned Cattle.	Sheep & Goats.	Pigs.
1894-95	35,614	514,753	871
1895-96	38,296	521,731	821
1896-97	39,659	474,469	619
1897-98	33,661	533,860	614
1898-99	42,254	571,023	577

230. The appended statement shows the number of animals taken from the Municipal Slaughter-houses for private slaughter during the past five years :—

Year.	Horned Cattle.	Sheep and Goats.
1894-95	250	32,643
1895-96	323	30,731
1896-97	358	5,406
1897-98	128	6,381
1898-99	395	9,200

231. Over forty-nine tons of unwholesome food were destroyed during the year, the greater parts of which consisted as in former years, of mutton, beef and fish.

232. The fruit and vegetable supply was plentiful and cheap, and the supply of beef and mutton was fairly good.

233. There were 67 prosecutions instituted under the several sections of the Municipal Act and the Market Bye-laws; in 54 cases tried before local Magistrates fines amounting collectively to Rs. 371 were inflicted. In the remaining 13 cases the summonses or warrants were withdrawn as the persons against whom they were obtained had left Bombay.

234. The Fergusson Road Market at Parel was completed and occupied from the 1st November 1898.

235. Owing to the prevalence of Plague some difficulty was experienced in the administration of the Markets and Slaughter-houses, especially in keeping together the stall-holders and butchers.

STREET ACCIDENTS.

236. The number of persons injured and killed in the public streets was as follows :—

Injured	562
Killed	19

237. The greatest number of these accidents occurred in the streets and roads mentioned below :—

Colaba Causeway	... 8	Bhendi Bazaar Road	... 25
Esplanade Road	... 8	Kalbadevi Road	... 16
Carnac Road	... 13	Girgaum Road	... 23
Hornby Road	... 18	Queen's Road	... 9
Frere Road	... 13	Falkland Road	... 23
Musjid Bunder Road	.. 26	Duncan Road	... 10
Dongri Street	... 9	Grant Road	... 17
Abdool Rehman Street	... 21	Parel Road	... 20
Nagdevi Street	... 13	Ripon Road	... 14

238. The numbers of street accidents for the past five years were as follow :—

Year.	No. injured.	No. killed.	Total.
1894-95	569	22	591
1895-96	523	28	551
1896-97	463	25	488
1897-98	370	17	387
1898-99	562	19	581

VII.—Education.

239. The actual receipts and expenditure on Municipal Primary Schools for the year 1898-99, were as follow :—

No.	Receipts.	Amount.			No.	Expenditure.	Amount.		
		Rs.	a.	p.		A.—SCHOOLS.	Rs.	a.	p.
1	Balance on the 1st of April 1898	58,122	3	0	1	Head Masters and Teachers ...	59,888	14	6
2	Government Grants to Primary Education and Inspection	42,666	0	0	2	Servants	1,879	14	8
3	Fees from Municipal Schools	12,424	3	0	3	Rent	29,336	5	10
4	Contribution from the General Municipal Fund	80,000	0	0	4	Cost of Class Books...	430	15	0
					5	School Furniture	2,207	5	6
					6	Prizes	1,460	0	0
5	Government Grants-in-aid towards Buildings...	.....			7	Contingencies and Miscellaneous	2,968	6	0
					8	Scholarships in Schools	238	13	3
6	Interest on Endowments or Investments.	523	11	0	9	Stipends of Students under training as Vernacular Teachers	1,016	4	5
7	Miscellaneous	160	15	3	10	Inspectors' Establishment... ...	7,969	11	2
					11	Grants-in-aid to Primary Schools ...	19,342	11	0
						B.—BUILDINGS.			
					1	Municipal Original Works...	.....		
					2	Repairs to Municipal School Houses ...	342	8	5
						Balance on 31st March 1899 ...	62,138	2	6
	Total Rupees ...	1,88,897	0	3		Total Rupees ...	1,88,897	0	3

240. The Government grant remained the same as the previous year, *viz.*, Rs. 42,666, the Municipal grant being Rs. 80,000 as against Rs. 72,478 the year before. There was an increase to the income from fees, the amount being for the year under report, Rs. 12,424 as against Rs. 11,497 in the preceding year.

241. The working balance at the commencement of the year was Rs. 5,31,222-3-0. The total receipts for the year amounted to Rs. 1,35,774-13-3 as against Rs. 1,27,165-9-0 for the previous year. The rise being due to increased Municipal contribution. The total expenditure was Rs. 1,26,358-13-9 as against Rs. 1,22,542-13-1 for the year before. The closing balance on the 31st March 1899 to the credit of the school fund was Rs. 62,538-2-6. The actual expenditure was considerably below the estimate as school and other charges were greatly diminished in consequence of the recurrence of plague. A statement will be found attached to the Committee's report showing the number of scholars on the rolls of the several schools. The attendance has been meagre with the exception that the Urdu Schools have been well attended throughout the year. The paucity of pupils in the other schools is doubtless due to the continuance of the plague.

242. The following new schools were opened during the year :—

Urdu.

1. Byculla School.
2. Dharavi School.

Marathi.

1. Dharavi School.

243. At the Mazagon Urdu School for boys, a separate class for girls was opened under a female teacher.

244. In compliance with the request of some of the residents at Parel, a Gujerati class has been added to the Parel Marathi School.

245. The number of aided Schools at the commencement of the year was 85 to which five new schools were added, but as four fell out of existence, the total number at the close of the year was 86.

246. The Committee received a donation of Rs. 25,000 from the Honorary Secretaries of the Sorabjee Shapurjee Bengalee Memorial Fund for the purpose of providing a building for the Churney Road Girls' School. Difficulties continue to exist as regards finding suitable accommodation for Schools, but it is satisfactory to know that some improvement has resulted from efforts in this direction. It is regrettable to have to record the death of ten teachers during the year, six of their number having died of plague.

W. L. HARVEY,
Municipal Commissioner
for the City of Bombay.

CHIEF ACCOUNTANT'S REPORT

FOR 1898-99.

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FINANCIAL.

REPORT OF MR. W. PEARSON, Acting Chief Accountant, for the financial year 1898-99, as forwarded with his No. 3964, dated 15th August 1899.

I have the honour to submit the annual report of this Office for the financial year 1898-99.

2. The year opened with a surplus cash balance of Rs. 2,25,501-12-11 (exclusive of the net amount advanced for the purchase of frontage land in the Agripada, &c., estate Rs. 8,12,546-4-8), and closed with a surplus cash balance of Rs. 6,53,004-6-1.

3. The general results of the year are shown in the subjoined table, which contrasts the actual opening balance, the income and the expenditure with the Budget Estimates under these heads :—

Particulars.	Estimate.	Actuals.	More than Estimate.	Less than Estimate.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Opening Balance	9,00,000 0 0	17,21,557 9 8	8,21,557 9 8	.....
Income.....	72,27,600 0 0	71,61,911 7 8	.....	65,688 8 4
Expenditure—				
Original Estimate ...	72,54,300 0 0	.....	.....	.....
Amended estimate (as per Statement B.)	88,65,049 8 11	73,39,025 12 8	.....	15,26,023 12 8

The opening balance of Rs. 17,21,557-9-8 excludes sums advanced to the extent of Rs. 9,03,586-11-9 for Reserve Stock, but includes a sum of Rs. 5,83,509-8-1 for lapsed grants for 1897-98, and previous years which were intended to be renewed in 1898-99. Allowing for these

lapsed grants the net opening balance is reduced to Rs. 11,38,048-1-7 or Rs. 2,38,048-1-7 more than the estimate. Deducting from the net opening balance of Rs. 11,38,048-1-7, the net amount advanced for the purchase of frontage lands in the Agripada, &c., estate, the balance is reduced to Rs. 3,25,501-12-11.

Of the lapsed grants amounting to Rs. 5,83,509-8-1 a sum of Rs. 60,000 was subsequently found to be not required in 1898-99 and was consequently appropriated in the Budget for 1899-1900.

The gross income realised, amounting to Rs. 71,61,911-7-8 fell short of the estimate by Rs. 65,688-8-4, against a deficit of Rs. 1,50,000 estimated while preparing the budget for the year 1899-1900.

Of the total lapsed grants amounting to Rs. 15,26,023-12-8, allotments to the extent of Rs. 8,19,471-2-11 are proposed to be renewed in the year 1899-1900. Of the balance of the lapsed grants amounting to Rs. 7,06,552-9-9, a saving of Rs. 5,36,915 was anticipated before the close of the year, and taken credit for in arriving at the opening balance for the year 1899-1900 when preparing the Budget Estimate for that year.

The variations between actuals and the Budget Estimate of income and expenditure are dealt with in detail in the following paragraphs :—

INCOME.

A. *Comparison between Actuals and the Budget Estimate.*

4. The estimated income for the year, as budgetted for, was Rs. 72,27,600, the amount actually realised and credited to the Municipal revenues was Rs. 71,61,911-7-8, thus showing a decrease of Rs. 65,688-8-4.

In the annexed Statement A-1 details of this net decrease are given.

A-1.

STATEMENT showing the Net Receipts during the Financial Year 1898-99 *from all Sources contrasted with the Budget Estimate.*

Particulars.	Actuals for 1897-98.	Budget Estimate for 1898-99.	Actuals for 1898-99.	More than Estimate.	Less than Estimate.	
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
General Tax at 9 per cent. (including Government and Port Trust contributions)	@8⁸/₀₁₆19,35,325 3 10	21,10,500	21,06,994 10 4	.....	3,505 5 8	
Additional at ½ per cent. for Fire Brigade charges	1,20,960 14 1	1,17,000	1,17,219 1 9	219 1 9	.....	
Rs. ..	20,56,286 1 11	22,27,500	22,24,213 12 1	219 1 9	3,505 5 8	= Rs. 3,286-3-11 net decrease.
Wheel Tax and Tolls	3,46,837 15 3	3,65,500	3,39,196 9 7	.....	26,303 6 5	
Town Duties	9,51,424 1 1	11,05,000	11,17,161 2 4	12,161 2 4	.....	
Licenses—						
(*a*) Dangerous and Offensive Trades	64,078 8 0	60,000	60,656 8 0	656 8 0	.....	
(*b*) Streets and Buildings	3,240 0 0	3,000	3,545 0 0	545 0 0	.....	
(*c*) Land Conveyance, Music, &c., Licenses	21,344 4 0	24,000	23,553 0 0	.....	447 0 0	
Receipts from Government for Liquor Licenses	1,43,750 0 0	1,43,750	1,43,750 0 0	.....	.....	
Do. do. for Tobacco Duty	1,89,323 6 9	2,01,250	2,08,544 4 10	7,294 4 10	.....	
Halalkhore Tax	7,35,485 4 7	7,35,700	7,13,122 2 8	.....	22,577 13 4	
Water Tax and other Misc. Water Works Revenue	13,29,851 15 7	14,99,000	15,00,970 7 2	1,970 7 2	.....	
Market Receipts	3,47,537 11 9	3,87,650	3,60,386 4 6	.....	27,263 11 6	
Public Gardens	5,589 10 1	7,000	5,226 0 2	.....	1,773 15 10	
Tramway Rent	49,025 15 4	49,700	49,693 9 10	.....	6 6 2	
Miscellaneous Fines	8,686 7 3	11,000	7,929 2 0	.....	3,070 14 0	
Do. Receipts	1,44,971 3 0	1,20,000	1,03,412 1 1	.....	16,587 14 11	
Do. Fees	31,283 11 2	40,000	33,229 7 4	.....	6,770 8 8	
Do. Savings	12,420 7 8	3,500	5,330 13 2	1,830 13 2	.....	
Contribution from Municipal Servants towards Pension, &c., Fund	18,963 3 2	20,000	19,000 5 8	.....	999 10 4	
Interest and Profit on Investments of Surplus Loan and other Balances	1,29,643 11 0	90,000	98,419 13 8	8,419 13 8	.....	
Actual Profit on Sale of Stores to Contractors, &c.	7,168 9 10	5,000	1,621 15 9	.....	3,378 0 3	
Carried over ...	65,96,912 3 5	70,98,550	70,18,962 7 10	33,097 2 11	1,12,684 11 1	

PARTICULARS.	Actuals for 1897-98.	Budget Estimate for 1898-99.	Actuals for 1898-99.	More than Estimate.	Less than Estimate.
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...	65,96,912 3 5	70,98,550	70,18,962 7 10	33,097 2 11	1,12,684 11 1
Sale Proceeds of Unserviceable Tools and Plant, &c.	.....	2,050	1,863 0 3	.....	186 15 9
Profit on Municipal Workshops	1,151 8 4	.....	14,083 10 6	14,083 10 6	.....
	65,98,063 6 9	71,00,600	70,34,909 2 7	47,180 13 5	1,12,871 10 10
Interest on 5, 4 and 3½ per cent. Municipal Loans Sinking Fund Investments	76,963 10 2	92,200	92,567 9 10	367 9 10	.....
Interest on Municipal Buildings Fire Insurance Fund Investment	1,356 0 10	1,500	1,517 0 8	17 0 8	.....
Interest on Worn-out Water Mains Renewal Fund Investment	15,768 9 8	15,600	14,986 15 8	.....	613 0 4
Interest on the Investment of the Net Premia, &c., Fund	15,376 6 10	16,000	*16,187 0 0	187 0 0	.....
Do. do. School Building Fund.	977 6 1	1,700	1,743 10 11	43 10 11	.....
	1,10,442 1 7	1,27,000	1,27,002 5 1	615 5 5	613 0 4
Grand Total...Rs.	† 67,08,505 8 4	72,27 600	71,61,911 7 8	47,796 2 10	1,13,484 11 2
				Less	47,796 2 10
				Net Decrease Rs....	65,688 8 4

* Includes Rs. 4,055-4-11 received on Water Works portion of the Net Premia, &c., Fund Investment.
† Excluding Rs. 4,37,055-0-1 on account of Rebate to current revenue in respect of plague expenses paid from Revenue in 1896-97 which has been shown by a deduction from the expenditure, *vide* Statement O, page 85.

5. The causes contributing to the more important variations are as follows :—

(1) *General Tax.*—Decrease of Rs. 3,286-3-11. The larger outstandings at the end of 1898-99 than those of the preceding year account for this decrease.

(2) *Wheel Tax and Tolls.*—As in the years 1896-97 and 1897-98, so in the year under review there has been a decrease ; the estimated revenue having fallen short by Rs. 26,303-6-5.

Of this decrease Rs. 19,091-12-5 is on account of Private conveyances, Rs. 1,477-8-0 on Public Conveyances and Rs. 5,734-2-0 on Tolls.

(3) *Town Duties.*—Under this head the income has exceeded the estimate by Rs. 12,161-2-4, as explained in detail at page 116.

(4) *Receipts from Government for Tobacco Duty.*—Increase of Rs. 7,294-4-10 due to increased consumption.

(5) *Halalkhore Tax*—Decrease of Rs. 22,577-13-4. Principally due to a decrease in the Special service to Mills consequent on a smaller number of hands employed.

(6) *Water Tax and other Miscellaneous Water Works Revenue*—Increase of Rs. 1,970-7-2 due to a larger consumption of water by meter measurement. The increase would have been larger, had there not been a larger outstanding this year than in the year previous.

(7) *Market Receipts.*—Decrease of Rs. 27,263-11-6 due on Squatters' fees through Contractors, and Fair ground and feeding fees, Slaughter fees and Stall rents.

(8) *Public Gardens.*—Decrease of Rs. 1,377-15-10 due to diminished sales of flowers and plants, &c., of the Gardens.

(9) *Miscellaneous Fines.*—Decrease of Rs. 3,070-14-0 due to decrease in amount of departmental fines.

(10) *Miscellaneous Receipts.*—Decrease of Rs. 16,587-14-11 due to rent of reclamation ground at the Flats, &c., and to the rights of cutting grass, &c., sold by the Engineer's Department being less than estimated.

(11) *Miscellaneous Fees.*—Decrease of Rs. 6,770-8-8 due to the receipts for Skinning dead animals realising only Rs. 3,000 against an estimate of Rs. 6,000, and to an overestimate on account of Miscellaneous fees.

(12) *Miscellaneous Savings.*—Increase of Rs. 1,830-13-2 due to a larger amount of unclaimed wages having become time-barred.

(13) *Interest and Profit on Investments of Surplus Loan and other Balances.*—Against an estimate of Rs. 90,000, we realised Rs. 98,419-13-8 as under, showing an increase of Rs. 8,419-13-8.

	Rs.	a.	p.
Interest on 5 per cent. Municipal Debentures belonging to different Loan, &c., Funds pledged with the Bank of Bombay and on Surplus Cash, &c., Investments	78,136	15	6
Interest on Fixed Deposits varying from 1½ to 4 lakhs for periods ranging from 3 days to 2 months at rates from 2½ to 12 per cent.	16,510	7	1
Interest on Current Account deposits with Local Banks	3,772	7	1

(14) *Actual Profit on Sale of Stores to Contractors, &c.*—Only Rs. 1,621-15-9 were realized under this head against the estimate of Rs. 5,000.

(15) Profit on Municipal Workshops amounted to Rs. 14,083-10-6 as explained in detail at page 145.

A-2.

STATEMENT showing the Net Receipts during the Financial year 1898-99 *from all sources contrasted with the Revised Estimate for that year appended to the Budget for* 1899-1900.

PARTICULARS.	Revised Estimate for 1898-99.	Actuals for 1898-99.	More than Revised Estimate.	Less than Revised Estimate.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax at 9 per cent. (including Government and Port Trust contributions)	21,23,000	21,06,994 10 4	.....	16,005 5 8
Additional at ½ per cent. for Fire Brigade charges	1,18,000	1,17,219 1 9	.....	780 14 3
Rs. ...	22,41,000	22,24,213 12 1	.....	16,786 3 11
Wheel Tax and Tolls	3,40,000	3,39,196 9 7	.....	803 6 5
Town Duties	10,50,000	11,17,161 2 4	67,161 2 4	.....
Licenses—				
(a) Dangerous and Offensive Trades	59,100	60,656 8 0	1,556 8 0	.....
(b) Streets and Buildings	2,850	3,545 0 0	695 0 0	.....
(c) Land conveyance, Music, &c., Licenses	24,200	23,553 0 0	.....	647 0 0
Receipts from Government for Liquor Licenses	1,43,750	1,43,750 0 0	.....	.....
Do. do. for Tobacco Duty	2,02,100	2,08,544 4 10	6,444 4 10	.....
Halalkhore Tax	7,16,000	7,13,122 2 8	.....	2,877 13 4
Water Tax and other Misc. Water Works Revenue	14,92,000	15,00,970 7 2	8,970 7 2	.....
Market Receipts	3,57,500	3,60,386 4 6	2,886 4 6	.....
Public Gardens	6,000	5,226 0 2	.....	773 15 10
Tramway Rent	49,700	49,693 9 10	.....	6 6 2
Miscellaneous Fines	10,000	7,929 2 0	.....	2,070 14 0
Do. Receipts	1,06,000	1,03,412 1 1	.....	2,587 14 11
Do. Fees	31,000	33,229 7 4	2,229 7 4	.....
Do. Savings	3,500	5,330 13 2	1,830 13 2	.....
Contribution from Municipal Servants towards Pension, &c., Fund	19,000	19,000 5 8	0 5 8	.....
Carried over ...	68,53,700	69,18,920 10 5	91,774 5 0	26,553 10 7

PARTICULARS.	Revised Estimate for 1898-99.	Actuals for 1898-99	More than Revised Estimate.	Less than Revised Estimate.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...	68,53,700	69,18,920 10 5	91,774 5 0	26,553 10 7
Interest and Profit on Investments of Surplus Loan and other Balances	95,000	98,419 13 8	3,419 13 8	.....
Actual Profit on Sale of Stores to Contractors, &c.	5,000	1,621 15 9	.....	3,378 0 3
Sale Proceeds of Unserviceable Tools and Plant, &c.	3,000	1,863 0 3	.....	1,136 15 9
Profit on Municipal Workshops	5,000	14,083 10 6	9,083 10 6	.....
	69,61,700	70,34,909 2 7	1,01,277 13 2	31,068 10 7
Interest on 5 per cent., 4 per cent., and 3½ per cent. Municipal Loans Sinking Fund Investments	92,500	92,567 9 10	67 9 10	.....
Interest on Municipal Buildings Fire Insurance Fund Investment	1,500	1,517 0 8	17 0 8	.....
Interest on Worn-out Water Mains Renewal Fund Investment.....	15,000	14,986 15 8	.....	13 0 4
Interest on the Investment of the Net Premia, &c., Fund.	16,000	* 16,187 0 0	187 0 0	.....
Interest on the School Building Fund Investment	1,700	1,743 10 11	43 10 11	.....
	1,26,700	1,27,002 5 1	315 5 5	13 0 4
Grand Total.....Rs.	70,88,400	71,61,911 7 8	1,04,593 2 7	31,081 10 11
		Less...	31,081 10 11	
		Net Increase Rs. ...	73,511 7 8	

* Includes Rs. 4,055-4-11 received on the Water Works portion of the Net Premia, &c., Fund Investment.

B.—*Comparison between Actuals and the Revised Estimate.*

6. The foregoing statement A-2 shows that, as compared with the Revised Estimate of income of Rs. 70,88,400, the actual realisations amounted to Rs. 71,61,911-7-8, or an increase of Rs. 73,511-7-8, or over one per cent. on the Revised Estimate.

This result is principally due to an unexpected rise in the receipts from Town and Tobacco Duties. There were decreases aggregating over Rs. 30,000 under General Tax, Wheel Tax and Tolls, Halalkhor Tax, Public Gardens, Miscellaneous Fines and Receipts, Profit on sale of stores and sale proceeds of Tools and Plant, which were counterbalanced by increases under Licenses, Water Tax, Market Receipts, Miscellaneous Fees and Savings, Interest and Profit on Investments and Profit on Municipal Workshops.

B.

CONTRASTED STATEMENT showing the Original Budget Grants for 1898-99, Additions, Transfers and the Grants as amended.

PARTICULARS.	Original Grants sanctioned by the Corporation as per Section 129.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of grants for 1898-97 and previous years required for expenditure in 1898-99.	Lapsed Grants for 1897-98 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 133 (1) b & c and (2).	Deduct Transfers as per Section 133 (1) a & c.	Amended Grants.
1	2	3	4	5	6	7	8
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.
GENERAL SUPERINTENDENCE—							
Corporation and Standing Committee's Establishment	58,790 0 0	.....	.....	780 9 2	A 1,100 0 0	V 1,163 9 2	58,507 0 0
Municipal Commissioner's Personal Office Establishment	60,125 0 0	7,500 0 0	831 8 0	103 9 7	B 1,740 0 0	.....	70,050 1 7
General Office Establishment	46,050 0 0	226 8 0	1,245 8 0	14,288 8 11	C 211 6 10	W 28 1 6	61,993 14 3
Accounts and Expenditure Audit Establishment	58,016 0 0	.....	.....	305 7 4	.....	X 25 1 8	58,296 5 8
General Superintendence Total Rs..	2,22,981 0 0	7,726 8 0	1,827 0 0	15,478 3 0	3,051 6 10	1,226 12 4	2,49,777 5 6
ASSESSMENT AND COLLECTION DEPARTMENT—							
Property and Wheel Tax Establishment	1,49,628 0 0	5,247 5 9	.....	845 6 1	D 286 10 9	Y 486 10 9	1,55,320 11 10
Town Duty Collection	58,900 0 0	3,000 0 0	.....	.....	.....	.....	62,900 0 0
Tolls Collection	2,016 0 0	.....	.....	.....	.....	.....	2,016 0 0
Licensing Establishment	29,944 0 0	126 15 5	149 9 11	1,931 7 8	.....	.....	32,102 1 0
Revenue and Refund Audit Office Establishment	26,104 0 0	.....	.....	106 10 7	E 714 9 2	.....	26,925 3 9
Total Rs..	2,67,592 0 0	8,374 5 2	149 9 11	2,883 8 4	1,001 3 11	486 10 9	2,79,464 0 7
FIRE BRIGADE	1,18,921 0 0	.....	933 0 4	1,923 7 0	F 31 4 6	Z 531 4 6	1,21,277 7 4

MAINTENANCE OF PUBLIC GARDENS—									
Victoria Gardens—Maintenance	63,880 0 0	.....	.....	1,161 7 1	C	1,675 0 0	AA	1,719 0 0	54,997 7 1
Do. —New Works	.....	2,119 0 0	32,953 13 7	.....		.....		.....	35,072 13 7
Elphinstone Circle Garden	2,260 0 0	.....	.....	.....		.....		.....	2,260 0 0
Falkland Road do.	520 0 0	.....	.....	.....		.....		.....	520 0 0
Northbrook do.	1,876 0 0	.....	.....	.....		.....		.....	1,876 0 0
Sir C. Jehangir Mahim do.	748 0 0	.....	.....	.....		.....		.....	748 0 0
Bazaar Gate Street do.	792 0 0	.....	.....	.....		.....		.....	792 0 0
Garden on the Flats	1,052 0 0	.....	.....	129 2 8		.....		.....	1,181 2 8
Dick's Tank Garden	430 0 0	.....	.....	.....		.....		.....	430 0 0
Malabar Hill do.	1,430 0 0	.....	.....	.....		.....		.....	1,430 0 0
Total Rs..	62,988 0 0	2,119 0 0	32,953 13 7	1,290 9 9		1,675 0 0		1,719 0 0	99,307 7 4
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—									
I, General Supervision and Miscellaneous Duties	49,992 0 0	.....	.....	262 8 2		.....		.....	50,254 8 2
II. DRAINAGE—									
A. Miscellaneous Drainage	1,13,446 0 0	2,341 0 0	6,078 13 1	6,690 6 3	H	2,055 8 0	BB	1,635 8 0	1,28,976 3 4
B. Maintenance of Love Grove Pumping Station	98,910 8 0	.....	87 8 0	535 8 0	I	5,509 0 0	CC	1,841 0 0	1,06,192 8 0
C. Do. of Sluices	4,330 0 0	.....	.....	.....		.....		.....	4,330 0 0
D. Do. of Pumping Station Colaba	31,565 8 0	.....	.....	297 14 0	J	914 0 0	DD	914 0 0	31,863 6 0
III. WATER WORKS MAINTENANCE	2,72,705 0 0	5,000 0 0	38,066 9 2	23,066 3 11	K	889 4 8	EE	2,780 4 8	3,37,946 13 1
IV. STREETS AND BUILDINGS—									
A. Inspection and Supervision	86,282 0 0	.....	.....	337 6 9	L	845 0 0		.....	87,464 6 9
B. Public Lighting	2,76,332 0 0	360 9 0	.....	2,630 5 4	M	495 0 0	FF	1,595 0 0	2,78,242 14 4
C. Road Watering	85,400 0 0	.....	.....	.....		.....		.....	85,400 0 0
D. Roads, Foot-paths, &c.	3,43,900 0 0	.....	.....	351 10 0		.....		.....	3,44,251 10 0
E. Street Improvements	1,00,000 0 0	1,00,735 0 0	1,974 13 4	1,873 6 3		.....		.....	2,04,583 3 7
F. Compensation for Insanitary Buildings	1,00,000 0 0	.....	.....	.....		.....		.....	1,00,000 0 0
V. Cleaning, Lighting and Repairing Port Trust Wharves Roads	38,642 0 0	.....	.....	.....		.....		.....	38,642 0 0
Total Rs..	16,02,525 0 0	1,08,436 9 0	46,207 11 7	36,045 4 8		10,698 12 8		8,765 12 8	17,96,147 9 3
NEW WORKS	52,780 0 0	16,111 0 0	27,533 5 4	72,452 11 11	N	11,600 0 0	GG	16,480 0 0	1,63,997 1 3
Carried over..Rs.	23,27,787 0 0	1,42,767 6 2	1,09,804 8 9	1,30,023 12 8		28,057 11 11		29,269 8 3	27,08,970 15 3

B—*continued.*

PARTICULARS.	Original Grants sanctioned by the Corporation as per Section 129.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of grants for 1896-97 and previous years required for expenditure in 1898-99.	Lapsed Grants for 1897-98 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 133 (1) *b* & *c* and (2).	Deduct Transfers as per Section 133 (1) *a* & *c*.	Amended Grants.
1		3	4	5	6	7	8
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ..Rs.	23,27,787 0 0	1,42,767 6 2	1,09,604 8 9	1,30,023 12 8	28,057 11 11	29,269 8 3	27,08,970 15 3
PUBLIC HEALTH DEPARTMENT—							
I. General Supervision	62,917 0 0	75 0 0	394 0 0	385 6 6	.....	.....	63,771 6 6
II. Conservancy ranch.....	14,66,813 0 0	2,316 4 8	1,966 10 8	7,541 8 1	O 1,00,587 7 4	HH 11,120 1 11	15,09,904 12 10
III. Markets and Slaughter-houses	1,74,853 0 0	286 0 0	.....	5,818 2 1	P 1,346 10 8	II 250 0 0	1,82,553 12 9
IV. Registration of Births and Deaths	22,446 0 0	.....	.....	52 0 11	42 1 11	.....	22,540 2 10
V. Cemeteries	13,539 0 0	.....	9 0 0	478 13 0	R 125 0 0	.....	14,151 13 0
VI. Laboratory	660 0 0	.....	.....	.....	.....	.....	660 0 0
VII. Mahaluxmi Dhobiwada.....	33,701 0 0	.....	.....	1,558 14 5	.....	.....	35,259 14 5
VIII. Infectious Diseases.....	12,338 0 0	.....	.....	3,441 10 4	S 343 0 0	JJ 123 1 5	15,999 8 11
IX. Milch-cattle Stables and Rooms	12,029 0 0	.....	.....	284 13 0	.....	.....	12,313 13 0
X. Tank Conservancy	6,180 0 0	.....	.....	.....	.....	KK 34 5 11	6,145 10 1

XI. Rustomji Jamsetji Dharamsala, Falkland Road	377 0 0	.....	.....	150 15 3	.....	.....	527 15 3
XII. Vaccination Contribution to Government	17,284 0 0	.....	.....	.....	.....	.....	17,284 0 0
Establishment for the temporary sheds at Glider Street for the segregation of animals suffering from rinderpest, &c.	.....	500 0 0	.....	.....	.....	.....	500 0 0
Erecting temporary stables for the segregation of cattle suffering from foot and mouth disease, &c...	.....	.....	.....	2,550 1 10	.....	.....	2,550 1 10
Koombharwada Dispensary	.....	1,680 0 0	.....	.....	.....	.....	1,680 0 0
Dongri do.	.....	360 0 0	.....	.....	.....	.....	360 0 0
Inspecting milch cattle stables in the city during the prevalence of foot and mouth disease and rinderpest	.....	.....	.....	570 0 0	.....	.....	570 0 0
	17,64,737 0 0	5,917 4 8	2,369 10 8	23,832 5 5	1,02,444 3 11	11,527 9 3	18,86,772 15 5
Less—Anticipated savings under different main heads.	50,000 0 0	.....	.....	.....	.....	.....	50,000 0 0
	17,14,737 0 0	5,917 4 8	2,369 10 8	22,832 5 5	1,02,444 3 11	11,527 9 3	18,36,772 15 5
Extra cost of the Health Department Re-organization Scheme..	3,69,759 0 0	.....	.....	.....	.....	LL 90,000 0 0	2,79,759 0 0
Do. do. Registration Branch do. ..	31,538 0 0	.....	.....	.....	.....	.....	31,538 0 0
Total..Rs.	21,16,034 0 0	5,917 4 8	2,369 10 8	22,832 5 5	1,02,444 3 11	1,01,527 9 3	21,48,069 15 5
POLICE CHARGES	5,00,000 0 0	.....	.....	.....	.....	.....	5,00,000 0 0
Cost of providing water closets in the quarters occupied by the Police Inspector at the Byculla Police Station.....	.....	.....	.....	454 4 9	.....	.....	454 4 9
Providing a wooden ladder for Halalkhores in the rear of the gallery occupied by the Police Inspector at the Girgaum Police Court	.....	210 0 0	.....	.....	.....	.....	210 0 0
Constructing 3 balconies in front of the western windows of the Inspector's quarters attached to the Byculla Police Office.....	.....	489 0 0	.....	.....	.....	.....	489 0 0
Total..Rs.	5,00,000 0 0	699 0 0	.....	454 4 9	.....	.....	5,01,153 4 9
Carried over.. Rs.	49,43,821 0 0	1,49,383 10 10	1,11,974 3 5	1,53,310 6 10	1,30,501 15 10	1,30,797 1 6	53,58,194 3 5

B—*continued.*

PARTICULARS.	Original Grants sanctioned by the Corporation as per Section 129.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of grants for 1896-97 and previous years required for expenditure in 1898-99.	Lapsed grants for 1897-98 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 133 (1) *b* & *c* and (2).	Deduct Transfers as per Section 133 (1) *a* & *c*.	Amended Grants.
1	2	3	4	5	6	7	8
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward..Rs.	49,43,621 0 0	1,49,383 10 10	1,11,974 3 5	1,53,310 6 10	1,30,501 15 10	1,30,797 1 6	53,58,194 3 5
EDUCATION—							
Primary Education	80,000 0 0	.....	.....	.....	.....	.....	80,000 0 0
School for Deaf and Dumb Mutes	1,800 0 0	.....	.....	.....	.....	.....	1,800 0 0
Veterinary College	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0
Victoria Jubilee Technical Institute	10,000 0 0	.....	.....	.....	.....	.....	10,000 0 0
Victoria and Albert Museum	11,718 0 0	1,033 6 0	.....	4,267 13 2	.....	.....	17,019 3 2
Joint School Committee's Establishment	6,516 0 0	.....	.....	.....	.....	.....	6,516 0 0
Total..Rs.	1,12,534 0 0	1,033 6 0	.....	4,267 13 2	.....	.....	1,17,835 3 2
HOSPITALS, &C.—							
Gokuldas Tejpal Hospital	36,000 0 0	.....	.....	.....	.....	.....	36,000 0 0
Jaffer Sulleman Dispensary	3,000 0 0	.....	.....	.....	.....	.....	3,000 0 0
Homeless Leper Asylum, Matoonga	18,000 0 0	.....	.....	.....	.....	.....	18,000 0 0
Total..Rs.	57,000 0 0	.....	.....	.....	.....	.....	57,000 0 0
MISCELLANEOUS—							
Pensions, Gratuities and Compassionate Allowances	50,000 0 0	5,306 11 9	276 0 3	5,123 11 3	T 95 1 8	.....	60,801 8 11
Discretional Contingencies	7,000 0 0	.....	.....	2,406 0 3	.....	.....	2,406 0 3
Auditors' Allowance	10,000 0 0	.....	.....	.....	.....	.....	10,000 0 0
Election Expenses	1,000 0 0	.....	.....	227 8 4	U 200 0 0	.....	1,427 8 4

Grain compensation to peons, &c.	.....	0 8 7	.....	17 12 6	.....	.....	18 5 1
Illuminating the address of welcome to the Viceroy-Designate of India	.....	1,000 0 0	.....	.....	.....	.....	1,000 0 0
Loss on account of private works irrecoverable bills written off	.....	19 11 2	.....	.....	.....	.....	19 11 2
Cost of printing and binding 550 copies of a Calendar of Municipal Records, &c.	.....	.....	5,837 8 0	.....	.....	.....	5,837 8 0
Honorarium to be paid to Mr. Barrow for his literary labours in publishing a Calendar of old Municipal Records, &c.	.....	.....	2,000 0 0	.....	.....	.....	2,000 0 0
Insurance of the Municipal Office building	.....	1,500 0 0	.....	.....	.....	.....	1,500 0 0
Cost of analysis of articles of food, &c.	.....	.....	.....	2,227 0 0	.....	.....	2,227 0 0
Total..Rs.	68,000 0 0	7,526 15 6	8,113 8 3	10,002 0 4	295 1 8	.....	94,237 9 9
MUNICIPAL DEBT—							
Interest on Loans	19,33,809 5 3	1,19,273 15 7	54,950 14 11	1,69,450 0 0	.....	.....	23,27,484 3 9
Charges on Loans	15,030 0 0	.....	.....	1 0 0	.....	.....	15,031 0 0
Payments towards the reduction of Debt and Investment of Sinking Fund	3,24,190 10 9	.....	1,000 0 0	7,000 0 0	.....	.....	3,32,190 10 9
Do. do. Investment of Interest accrued on Sinking Fund	92,200 0 0	367 9 10	.....	.....	.....	.....	92,567 9 10
Total..Rs.	24,15,230 0 0	1,19,641 9 5	55,950 14 11	1,76,451 0 0	.....	.....	27,67,273 8 4
INVESTMENTS—							
Municipal Buildings Fire Insurance Fund	3,000 0 0	.....	.....	.....	.....	.....	3,000 0 0
Interest realized on Fire Insurance Fund	1,500 0 0	17 0 8	.....	.....	.....	.....	1,517 0 8
Interest realized on Worn-out Water Mains Renewal Fund	15,600 0 0	.....	.....	.....	.....	.....	15,600 0 0
Interest realized on Net Premia, &c., Fund	16,000 0 0	187 0 0	.....	.....	.....	.....	16,187 0 0
School Building Fund	1,700 0 0	43 10 11	.....	.....	.....	.....	1,743 10 11
Rs..	37,800 0 0	247 11 7	.....	.....	.....	.....	38,047 11 7
Total..Rs.	76,34,385 0 0	2,78,133 5 4	1,76,038 10 7	3,44,031 4 4	1,30,797 1 6	1,30,797 1 6	84,32,588 4 3
LESS—							
Rebate on account of Plague expenses incurred in 1897-98 from current revenue and work done for private parties	3,80,085 0 0	.....	.....	.....	.....	.....	3,80,085 0 0
	72,54,300 0 0	2,78,133 5 4	1,76,038 10 7	3,44,031 4 4	1,30,797 1 6	1,30,797 1 6	80,52,503 4 3
ADD—							
Net advance made up to 1897-98 on account of the purchase of frontage land in Agripada, &c., estate written off	.....	8,12,546 4 8	.....	.....	.....	.....	8,12,546 4 8
Grand Total....Rs.	72,54,300 0 0	10,90,679 10 0	1,76,038 10 7	3,44,031 4 4	1,30,797 1 6	1,30,797 1 6	88,65,049 8 11

			Rs. a. p.	Rs a. p.
A	Transferred from Corporation and Standing Committee's Establishment		600 0 0	
	Do.	do. do. do. ..	500 0 0	
				1,100 0 0
B	Do.	Water Works Department Establishment and Labour	1,240 0 0	
	Do.	Fire Brigade Department	500 0 0	
				1,740 0 0
C	Do.	Engineer's Department (Streets and Buildings)	183 5 4	
	Do.	General Office Establishment	28 1 8	
				211 6 10
D	Do.	Assessment & Collection Department (Property & Wheel Tax Establishment)	....	286 10 9
E	Do.	Corporation and Standing Committee's Establishment	63 9 2	
	Do.	Water Works Maintenance	651 0 0	
				714 9 2
F	Do.	Fire Brigade Department	12 0 0	
	Do.	do. do.	19 4 6	
				31 4 6
G	Do.	Maintenance of Public Gardens, Victoria Gardens	1,000 0 0	
	Do.	do. do. do. ..	500 0 0	
	Do.	do. do. do. ..	175 0 0	
				1,675 0 0
H	Do.	Drainage (A), Miscellaneous Drainage ..	410 8 0	
	Do.	do. do. ..	100 0 0	
	Do.	do. do. ..	150 0 0	
	Do.	do. do. ..	100 0 0	
	Do.	do. do. ..	80 0 0	
	Do.	Public Gardens (A), Victoria Gardens ..	44 0 0	
	Do.	New Works Drainage.....	1,221 0 0	
				2,055 8 0

			R. a. p.	Rs. a. p.
V	Transferred to	Corporation and Standing Committee's Establishment ..... *Vide* A	1,100 0 0	
		Revenue and Refund Audit Establishment. ,, E	63 9 2	
				1,163 9 2
W	Do.	General Office Establishment ..... ,, C	....	28 1 6
X	Do.	Pensions and Gratuities, &c. ..... ,, T	....	95 1 8
Y	Do.	Assessment and Collection Department .... ,, D	286 10 9	
		Election Expenses.... ,, U	200 0 0	
				486 10 9
Z	Do.	Fire Brigade Department ..... ,, F	12 0 0	
	Do.	do. do. .. ,, ,,	19 4 6	
	Do.	Municipal Commissioner's Personal Office Establishment. ,, B	500 0 0	
				531 4 6
AA	Do.	Maintenance of Public Gardens ..... ,, G	1,000 0 0	
	Do.	do. do. .. ,, ,,	500 0 0	
	Do.	do. do. .. ,, ,,	175 0 0	
	Do.	Drainage (A), Miscellaneous Drainage ... ,, H	44 0 0	
				1,719 0 0
BB	Do.	Drainage (A) Miscellaneous Drainage .. ,, H	410 8 0	
	Do.	do. do. ... ,, ,,	100 0 0	
	Do.	do. do. .. ,, ,,	100 0 0	
	Do.	do. do. .. ,, ,,	100 0 0	
	Do.	do. do. .. ,, ,,	80 0 0	
	Do.	Engineer's Department (Streets and Buildings)..... ,, L	480 0 0	
	Do.	do. do. .. ,, ,,	365 0 0	
				1,835 8 0
CC	Do.	Maintenance of Love Grove Pumping Station ..... ,, I	....	1,841 0 0
DD	Do.	Colaba Compressor Station..... ,, J	....	914 0 0
EE	Do.	Municipal Commissioner's Personal Office Establishment ..... ,, B	1,240 0 0	

I	Do.	Maintenance of Love Grove P. Station..	1,841 0 0		
	Do.	New Works Drainage	2,366 0 0		
	Do.	do. do.	1,293 0 0		
				5,500 0 0	
J	Do.	Colaba Compressor Station	....	914 0 0	
K	Do.	Water Works Maintenance	400 0 0		
	Do.	Do. do.	489 4 8		
				889 4 8	
L	Do.	Drainage (A), Miscellaneous Drainage ..	460 0 0		
	Do.	do. do. ..	385 0 0		
				845 0 0	
M	Do.	Engineer's Department (Streets and Building)	....	495 0 0	
N		New Works—			
	Do.	Drainage	62 0 0		
	Do.	do.	4,193 0 0		
	Do.	do.	5,000 0 0		
	Do.	do.	2,345 0 0		
				11,600 0 0	
O	Do.	Infectious Diseases.....	21 1 5		
	Do.	Conservancy Branch	97,000 0 0		
	Do.	do. do.	200 0 0		
	do.	do. do.	2,000 0 0		
	Do.	do. do.	34 5 11		
	Do.	do. do.	500 0 0		
	Do.	do. do.	400 0 0		
	Do.	do. do.	432 0 0		
				1,00,587 7 4	
P	Do.	Conservancy Branch	180 0 0		
	Do.	Engineer's Department (Streets and Buildings)	916 10 8		
	Do.	Markets and Slaughter Houses.....	250 0 0		
				1,346 10 8	
Q	Do.	Conservancy Branch	....	42 1 11	
R	Do.	do. do.	....	125 0 0	
S	Do.	Infectious Diseases	102 0 0		
	Do.	Conservancy Branch	241 0 0		
				343 0 0	
	Do.	Accounts and Expenditure Audit Establishment	....	95 1 8	
U	Do.	Assessment and Collection Department.	....	200 0 0	
		Total..Rs.		1,30,797 1 6	

	Do.	Revenue and Refund Audit Establishment .	„ E	651 0 0	
	Do.	Water Works Department	„ K	400 0 0	
	Do.	do. do.	„ „	489 4 8	
					2,780 4 8
FF	Do.	General Office Establishment	„ C	183 5 4	
	Do.	Engineer's Department (Streets and Buildings).....	„ M	495 0 0	
	Do.	Markets and Slaughter Houses	„ P	916 10 8	
					1,595
GG	Do.	Maintenance of Love Grove Pumping Station	„ I	2,366 0 0	
	Do.	do. do. ..	„ „	1,293 0 0	
	Do.	Drainage (A). Miscellaneous Drainage..	„ H	1,221 0 0	
	Do.	New Works Drainage	„ N	62 0 0	
	Do.	do. do.	„ „	4,193 0 0	
	Do.	do. do.	„ „	5,000 0 0	
	Do.	do. do.	„ „	2,345 0 0	
					16,480 0 0
HH	Do.	Conservancy Branch..	„ O	7,000 0 0	
	Do.	do. do. ..	„ „	200 0 0	
	Do.	do. do. ..	„ „	2,000 0 0	
	Do.	do. do. ..	„ „	500 0 0	
	Do.	do. do. ..	„ „	400 0 0	
	Do.	do. do. ..	„ „	432 0 0	
	Do.	Markets and Slaughter Houses	„ P	180 0 0	
	Do.	Registrations of Births and Deaths	„ Q	42 1 11	
	Do.	Cemeteries.....	„ R	125 0 0	
	Do.	Infectious Diseases ..	„ S	241 0 0	
					11,120 1 11
II	Do.	Markets and Slaughter Houses	„ P	....	250 0 0
JJ	Do.	Conservancy Branch ..	„ O	21 1 5	
	Do.	Infectious Diseases	„ S	102 0 0	
					123 1 5
KK	Do.	Conservancy Branch ..	„ O	....	34 5 11
LL	Do.	Re-organization Scheme	„ O	....	30,000 0 0
		Total..Rs.			1,30,797 1 6

EXPENDITURE.

7. From statement B* it will be seen that the Budget Estimate of expenditure as originally sanctioned by the Corporation under section 129 of the Municipal Act amounted to Rs. 72,54,300.

This figure was increased during the year by Rs. 16,10,749-8-11 as follows:—

		Rs.	a.	p.
(*a*)	Additional grants sanctioned by the Corporation under section 131 (1) of the Municipal Act ...	2,78,133	5	4
(*b*)	Additional grant for writing off the net amount advanced for the purchase of frontage lands in the Agripada, &c., Estate	8,12,546	4	8
(*c*)	Additional grants sanctioned under section 131 (1) in respect of unexpended balances of grants for 1896-97, and previous years and of transfers sanctioned in 1897-98 but not utilised in that year.	1,76,038	10	7
(*d*)	Lapsed grants for 1897-98 renewed under section 132 of the Municipal Act	3,44,031	4	4
	Total...Rs.	16,10,749	8	11

The total amount allotted for expenditure during 1898-99 thus aggregated Rs. 88,65,049-8-11.

Transfers aggregating Rs. 1,30,797-1-6 from one Budget head to another were sanctioned by the Standing Committee under Section 133 of the Municipal Act to meet excesses under different Budget heads without affecting the amount of the total Budget provision for the year.

8. The principal items making up the additional sanctioned grants of Rs. 2,78,133-5-4, alluded to above, are as follows:—

	Rs.	a.	p.
Compassionate allowance to the widow of the late Mr. Howard Newton, Deputy Executive Engineer, Water Works	3,000	0	0
Construction of sundry new works at the Arthur Road Hospital	7,349	0	0
Constructing 2 pail Depôts at Oomerkhady and acquiring 2 plots of land required for the same ..	6,099	0	0
Salary of the Acting Municipal Commissioner for three months	7,500	0	0
Excess on the provision made in the budget for 1898-99 for payment of interest to the Bank of Bombay in respect of the 35 lakhs Loans ...	36,773	15	7
Bonus to the employes of the Assessment Department in recognition of their exertions in collecting the revenue during the Plague epidemic ...	5,000	0	0
Excesses in the Street Improvement Grant ...	1,00,000	0	0
Excess on the grant for payment of commission to the B. B. & C. I. Railway Company for collection of Town Duties	3,000	0	0
Excesses incurred on the grants for 1897-98 and previous years	3,051	11	5
½ year's interest payable to the Bank of Bombay on 1st March 1899 in respect of the temporary Loan of 35 lakhs	32,500	0	0
Excess on the grant for purchase of tools and plant, Water Works Maintenance...	5,000	0	0
Minor items below Rs. 3,000 each	18,359	10	4
Rs.	2,78,133	5	4

* *Vide* pages 86 to 91 of this Report.

9. The sources from which the increased expenditure of Rs. 16,10,749-8-11 during 1898-99 over and above the Budget Estimate was proposed to be met are as follows :—

		Rs.	a.	p.
Amount reserved from Surplus Cash Balance per page 105 of the Chief Accountant's Administration Report for 1897-98 for payment of charges for and prior to that year	Rs. 5,83,509 8 1			
Less—Amount of grants finally decided not to be renewed in 1898-99... ... ... „	63,439 9 2			
		5,20,069	14	11
Amount reserved from Surplus Cash Balance per page ii of the Introductory Remarks to the Budget for 1899-1900		2,01,717	0	0
Amount appropriated from Excess Revenue and Savings in Expenditure in 1898-99		76,416	5	4
Amount reserved as per page i of the Introductory Remarks of the Budget for 1899-1900 ...		8,12,546	4	8
Total...Rs		16,10,749	8	11

C.

EXPENDITURE.

STATEMENT *showing the Estimated and Actual Charges for* 1898-99.

PARTICULARS.	Actuals for 1897-98.	Amended Budget Estimate for 1898-99.	Actuals for 1898-99.	More than Estimate.	Less than Estimate.	Amount renewed during 1899-1900.	Net Savings.	REMARKS.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
GENERAL SUPERINTENDENCE—								
Corporation and Standing Committee Establishment	54,825 14 9	59,507 0 0	52,635 12 2	....	6,871 3 10	1,080 12 0	5,890 7 10	
Municipal Commissioner's Personal Office Establishment	73,270 13 2	70,050 1 7	67,770 8 8	....	2,279 8 11	.....	2,279 8 11	
General Office Establishment	30,271 9 6	61,993 14 3	33,036 10 9	....	28,957 3 6	28,129 7 1	827 12 5	
Accounts and Expenditure Audit Establishment	56,423 8 0	58,226 5 8	57,037 3 5	....	1,189 2 3	43 9 4	1,145 8 11	
	2,14,791 13 5	2,49,777 5 6	2,10,380 3 0a	....	39,397 2 6	29,253 12 5	10,143 6 1	a Of this, Rs. 26,297-8-4 are chargeable to Water Works Account.
ASSESSMENT AND COLLECTION DEPARTMENT—								
Property and Wheel Tax Establishment	1,44,000 14 2	1,55,520 11 10	1,48,928 0 10b	....	6,592 11 0	711 5 6	5,881 5 6	b Of this, Rs. 27,923-0-2 are chargeable to Water Works Account.
Town Duty Collection	52,702 13 6	62,900 0 0	54,973 0 6	....	7,926 15 6	7,926 15 6	.....	
Tolls Collection	1,983 0 0	2,016 0 0	2,016 0 0	....	.....	.....	.....	
Licensing Establishment	26,267 0 3	33,102 1 0	25,104 8 5	....	6,997 8 7	4,758 3 9	2,238 14 10	
Revenue and Refund Audit Establishment	25,528 13 1	26,925 3 9	26,160 8 0	....	764 11 9	.....	764 11 9	
	2,50,487 8 6	2,79,464 0 7	2,57,182 1 9	....	22,281 14 10	13,396 14 9	8,885 0 1	
FIRE BRIGADE	1,18,507 12 0	1,21,277 7 4	1,09,076 4 5c	....	12,201 2 11	4,479 3 1	7,721 15 10	c Including Rs. 18,200 on account of Interest and Rs. 8,100 on account of *Sinking Fund* Instalment on the 4½ Lakh Fire Brigade Loan.
MAINTENANCE OF PUBLIC GARDENS—								
Victoria Gardens—Maintenance	48,081 11 10	54,927 7 1	51,993 5 2	....	3,004 1 11	576 3 4	2,427 14 7	
Do. —New Works	15,538 0 4	35,972 12 7	14,430 9 2	....	20,642 4 5	20,642 4 5	.....	
Elphinstone Circle Garden	1,631 9 5	2,260 0 0	2,051 7 3	....	208 8 9	.....	208 8 9	
Falkland Road Garden	466 10 10	520 0 0	349 5 5	....	170 10 7	.....	170 10 7	
Northbrook Garden	1,453 13 3	1,876 0 0	1,761 12 11	....	114 3 1	.....	114 3 1	
Sir C. Jehangir Mahim Garden—	505 4 11	748 0 0	714 15 3	....	33 0 9	1 8 0	31 8 9	
Bazaar Gate Street Garden	663 7 6	792 0 0	676 15 0	....	115 1 0	.....	115 1 0	
Garden on the Flats	750 12 11	1,181 2 8	1,140 0 3	....	41 2 5	.....	41 2 5	
Dick's Tank Garden	334 4 5	430 0 0	380 5 0	....	49 11 0	.....	49 11 0	
Malabar Hill Garden	1,141 0 7	1,450 0 0	1,430 1 4	....	19 14 8	.....	19 14 8	
	71,446 12 0	99,307 7 4	74,958 12 9	....	24,348 10 7	21,219 15 9	3,128 10 10	
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—								
I. General Supervision and Miscellaneous Duties	48,996 8 11	50,254 8 2	49,135 10 0d	....	1,118 14 2	375 9 3	743 4 11	d Of this, Rs. 12,947-12-11 are chargeable to Water Works Account.
II. DRAINAGE—								
A. Miscellaneous Drainage	1,13,229 0 7	1,28,976 3 4	1,15,149 14 8	....	13,826 4 8	7,055 0 7	6,771 4 1	
B. Maintenance of Love Grove Pumping Station	96,646 1 5	1,03,192 8 0	97,248 1 8	....	5,944 6 4	2,249 14 11	3,694 7 5	
C. Do. of Sluices	4,019 0 8	4,530 0 0	3,258 15 7	....	1,271 0 5	88 8 6	982 7 11	
D. Do. of Pumping Station, Colaba (Shone System)	21,332 2 1	31,863 6 0	27,192 7 8	....	4,664 14 4	631 1 9	4,033 12 7	

III. Water Works Maintenance	2,48,285 3 8	3,37,946 13 1	2,13,913 14 1e	....	1,24,033 15 0	71,336 11 0	52,696 4 0	e Excluding Rs. 3,758 spent on the renewal of the water main in Worli Road which was met out of the worn-out water mains Renewal Fund.
IV. Streets and Buildings—								
A. Inspection and Supervision	76,136 5 4	37,464 6 9	79,910 14 2	....	7,653 8 7	323 7 5	7,330 1 2	
B. Public Lighting	2,63,812 1 11	2,78,343 14 4	2,51,215 8 6	....	25,027 5 10	5,001 1 5	20,026 4 5	
C. Road Watering	72,987 8 2	85,490 0 0	77,321 1 4	....	8,678 14 8	5,454 5 2	2,224 9 6	
D. Roads, Footpaths, &c.	3,70,183 4 7	3,44,231 10 0	2,88,162 14 1	....	55,088 11 11	55,838 13 8	248 14 3	
E. Street Improvements	1,16,540 2 1	2,04,583 3 7	1,09,416 0 11	....	95,167 2 8	93,407 14 8	1,759 4 0	
F. Compensation for Insanitary Buildings demolished	....	1,00,000 0 0	2,520 14 5	....	97,479 1 7	97,479 1 7	.....	
V. Cleaning, Lighting, and Repairing Port Trust Wharves Roads	38,642 0 0	38,642 0 0	38,642 0 0	....	....	.....	.....	
	14,70,809 7 5	17,93,147 9 3	13,55,094 5 1	...	4,49,053 4 2	3,39,742 10 0	1,09,3.0 10 2	
New Works	1,39,577 4 7	1,63,997 1 3	64,521 4 5f	....	99,475 12 10	84,977 5 8	14,498 7 2	f Of this, Rs. 3,086-12-9 are chargeable to Water Works Account.
Public Health Department—								
I. General Supervision	64,537 3 7	63,771 6 6	*58,983 7 11	....	4,787 14 7	473 0 0	4,309 14 7	*Excluding Rs. 33,075-12-11 spent out of the grant for the reorganization scheme.
II. Conservancy Branch	12,18,368 9 10	15,09,804 12 10	†12,88,541 7 8	....	2,21,263 5 2	21,795 15 0	1,99,567 6 2	
III. Markets and Slaughter-houses	1,50,745 11 6	1,52,553 12 9	1,49,690 3 6	....	12,863 9 3	1,482 12 9	11,380 12 6	
IV. Registration of Births and Deaths	20,313 5 0	22,540 2 10	19,924 0 9	....	2,606 2 1	218 15 6	2,389 2 7	†Excluding Rs. 25,904-2-2.
V. Cemeteries	23,609 11 7	14,151 12 9	12,788 11 9	....	1,393 1 3	325 6 6	1,067 10 9	
VI. Laboratory	827 7 9	660 0 0	309 6 2	....	350 9 10	.....	350 9 10	
VII. Mahaluxmi Dhobiwada	19,184 4 2	35,259 14 5	32,342 10 1	....	2,917 4 4	1 092 14 10	1,824 5 6	
VIII. Infectious Diseases	33,339 6 0	15,909 8 11	13,180 10 3	....	2,868 14 8	1,218 1 11	1,650 12 9	
IX. Milch-cattle Stables and Rooms	7,768 2 9	12,313 13 0	10,487 8 9	....	1,826 4 3	264 9 8	1,561 15 7	
X. Tank Conservancy	5,989 7 8	6,145 10 1	5,918 12 2	....	226 13 11	.....	226 13 11	
XI. Rustomjee Jamsetjee Dharamsala, Falkland Road ..	184 4 3	637 15 3	334 3 7	....	303 11 8	167 8 6	6 3 2	
XII. Vaccination Contribution to Government	17,084 13 7	17,284 0 0	15,292 6 3	....	1,991 9 9	56 9 1	1,935 0 8	
Establishment for the temporary sheds at Gilder Street for the segregation of animals suffering from rinderpest, &c...	.. .	500 0 0	447 14 10	....	52 1 2	.....	52 1 2	
Erecting temporary stables for the segregation of cattle suffering from foot and mouth disease, &c.	503 10 2	2,550 1 10	714 8 11	....	1,835 8 11	28 0 0	1,807 8 11	
Koombharwada Dispensary	....	1,080 0 0	950 0 0	....	730 0 0	730 0 0	.....	
Dongri Dispensary	....	360 0 0	.....	....	360 0 0	360 0 0	.....	
Inspecting Milch cattle stables in the city during the prevalence of foot and mouth disease and rinderpest ..	474 13 5	570 0 0	388 11 4	....	211 4 8	.....	211 4 8	
	15,86,632 15 1	18,86,772 15 5	16,30,194 6 11	....	2,56,578 8 6	28,336 13 9	2,28,241 10 9	
Excess cost of Health Department, reorganization scheme ..	....	2,79,759 0 0	58,979 15 1	....	2,20,779 0 11	65,304 11 0	1,55,474 5 11	
Do. Registration Department do. ..	....	31,538 0 0	....	....	31,538 0 0	2,714 0 0	28,824 0 0	
	15,86,632 15 1	21,98,069 15 5	16,89,174 6 0	....	5,08,895 9 5	96,255 8 9	4,12,640 0 8	
Less—Anticipated savings under different main heads..	....	50,000 0 0	.....	....	50,000 0 0	.....	50,000 0 0	
	15,86,632 15 1	21,48,069 15 5	16,89,174 6 0	....	4,58,895 9 5	96,255 8 9	3,62,640 0 8	
Carried over.. Rs.	38,52,253 9 0	48,37,040 14 8	37,60,387 5 5	....	10,96,653 9 3	5,89,325 6 5	5,07,328 2 10	

C—*continued.*

PARTICULARS.	Actuals for 1897-98.	Amended Budget Estimate for 1898-99.	Actuals for 1898-99.	More than Estimate.	Less than Estimate.	Amount renewed during 1899-1900.	Net Savings.	REMARKS.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Brought forward .. Rs.	33,52,283 9 0	48,57,040 14 8	37,60,387 5 5	....	10,96,653 9 3	5,89,325 6 5	5,07,328 2 10	
POLICE CHARGES	5,00,000 0 0	5,00,000 0 0	5,00,000 0 0	....	....	.....	.....	
Cost of providing water-closets in the quarters occupied by the Police Inspector at the Byculla Police Station ..	....	454 4 9	454 4 9	....	....	.....	.....	
Providing a wooden ladder for Halalkhores in the rear of the gallery occupied by the Police Inspector at Girgam Police Court	..	210 0 0	114 15 0	....	95 1 0	.....	45 1 0	
Constructing three Balconies in front of the western windows of the Inspector's quarters attached to the Byculla Police Office	....	457 0 0	443 8 8	....	45 7 4	.....	59 7 4	
	5,00,000 0 0	5,01,153 4 9	5,01,012 12 5	....	140 8 4	.....	140 8 4	
EDUCATION—								
Primary Education	72,478 0 0	80,000 0 0	80,000 0 0	....	....	.....	.....	
School for Deaf and Dumb Mutes	1,800 0 0	1,800 0 0	1,650 0 0	....	150 0 0	150 0 0	.....	
Veterinary College	2,500 0 0	2,500 0 0	2,500 0 0	....	....	.....	.....	
Victoria Jubilee Technical Institute	10,000 0 0	10,000 0 0	10,000 0 0	....	....	.....	.....	
Victoria and Albert Museum	16,130 8 9	17,619 3 2	14,128 14 10	....	2,890 4 4	397 4 0	2,493 0 4	
Joint Schools Committee's Establishment	5,715 1 11	6,516 0 0	6,497 4 9	....	18 11 3	6 8 8	12 2 7	
	1,02,623 10 8	1,17,835 3 2	1,14,776 3 7	....	3,058 15 7	553 12 8	2,505 2 11	
HOSPITALS—								
Gokuldas Tejpal Hospital	33,426 9 10	36,000 0 0	34,469 2 3	....	1,530 13 9	.....	1,530 13 9	
Jaffer Sulleman Dispensary	3,000 0 0	3,000 0 0	3,000 0 0	....	....	.....	.....	
Homeless Leper Asylum at Matunga	17,806 14 4	18,000 0 0	17,731 13 0	....	268 3 0	.....	268 3 0	
	54,233 8 2	57,000 0 0	55,200 15 3	....	1,799 0 9	.....	1,799 0 9	
MISCELLANEOUS—								
Pensions, Gratuities and Compassionate Allowances ..	70,296 0 7	60,801 6 11	56,866 0 8	....	3,935 6 3	2,667 1 1	1,268 7 2	
Discretional Contingencies	5,686 5 3	9,406 0 3	4,960 6 1	....	4,455 10 2	1,510 7 6	2,945 2 8	
Auditors' Allowance	10,000 0 0	10,000 0 0	10,000 0 0	....	....	.....	.....	
Election Expenses	9,350 5 7	1,427 8 4	1,370 11 4	....	56 13 0	45 0 0	11 13 0	
Grain Compensation to Peons, &c.	82,029 4 4	18 5 1	17 7 10	....	0 13 3	0 6 7	0 4 8	
Cost of printing and binding 550 copies of a Calendar of Municipal Records, &c.	....	5,837 8 0	....	....	5,837 8 0	5,837 8 0	.....	
Honorarium to be paid to Mr. Barrow for his literary labours in publishing a Calendar of old Municipal Records, &c.	....	2,000 0 0	....	....	2,000 0 0	2,000 0 0	.....	

Cost of analysis of articles of food, &c.	....	2,227 0 0	820 0 0	....	1,407	....	1,407 0 0	
Loss on account of Private Works irrecoverable bills	....	19 11 2	*g* 19 11 2	....	....	....	....	*g* Chargeable to Water Works Account.
Illuminating the address of welcome to the Viceroy Designate of India	.....	1,000 0 0	995 2 8	....	4 13 4	....	4 13 4	
Insurance of the Municipal Office Building	.....	1,500 0 0	1,500 0 0	....	....	....	....	
Cost of illuminating and enclosing the address to H. I. Majesty the Queen Empress of India on the occasion of the celebration of the Diamond Jubilee of her reign	5,000 0 0	....	....	....	....	....	....	
Workshops ground rent and Telephone charges for 1895-96 and 1896-97	8,046 11 4	....	....	....	....	....	....	
	1,90,808 11 1	94,237 9 9	76,539 7 9	....	17,698 2 0	12,060 9 2	5,637 8 10	
Plague expenses (debited to current revenue)	5,04,000 0 0	....	....	....	....	....	....	
MUNICIPAL DEBT—								
Interest on Loans	18,42,944 8 0	23,27,434 3 9	*h* 20,52,918 13 94	....	2,74,565 7 0	2,06,521 6 8	68,044 0 4	*h* Exclusive of Rupees 18,290 paid on account of interest on the 4½ Lakhs Fire Brigade Loan out of the Fire Brigade Grant.
Charges on Loans	14,307 15 8	15,931 0 0	14,469 14 7	....	570 1 5	.....	570 1 5	
Payments towards the Reduction of Debt	70,330 2 8	77,040 10 9	*i* 66,040 10 9	....	11,000 0 0	11,000 0 0	.....	
Do. do. Investment of Sinking Fund	2,55,825 0 0	2,55,150 0 0	*j* 2,55,150 0 0	....	....	.....	.....	
Do. do. do. of Interest accrued on Sinking Fund	76,963 10 2	92,567 9 10	92,567 9 10	....	....	.....	.....	*i* Of this, Rs. 11,40,323-14-1 are chargeable to Water Works Account.
	22,60,571 4 6	27,67,273 8 4	24,81,137 15 11	....	2,86,135 8 5	2,17,521 6 8	68,614 1 9	*j* Of this, Rs. 1,54,580-13-1 are chargeable to Water Works Account.
	74,60,490 11 5	83,94,540 8 8	69,89,054 12 4	....	14,05,485 12 4	8,19,461 2 11	5,86,024 9 5	*k* Exclusive of Rs. 8,100 on account of Sinking Fund Instalment of the 4½ Lakhs Fire Brigade Loan.
INVESTMENTS—								
Municipal Buildings Fire Insurance Fund	3,000 0 0	3,000 0 0	3,000 0 0	....	....	.....	.....	
Interest realized on Fire Insurance Fund	1,256 0 10	1,517 0 8	1,517 0 8	....	....	.....	.....	
Interest realized on Worn-out Water Mains Renewal Fund	15,768 9 8	15,600 0 0	*l* 14,986 15 8	....	613 0 4	.....	613 0 4	*l* Chargeable to Water Works Account.
Interest realized on the Net Premia, &c., Fund	15,376 6 10	16,187 0 0	*m* 16,177 0 0	....	10 0 0	10 0 0	.....	*m* Of this, Rs. 4,055-4-11 are chargeable to Water Works Account.
Interest on the School Building Fund	977 6 1	1,743 10 11	1,743 10 11	....	....	.....	.....	
	36,478 7 5	38,047 11 7	37,424 11 3	....	623 0 4	10 0 0	613 0 4	*n* This was the amount of rebate on account of Plague expenditure in 1896-97.
LESS—								
Rebate on account of plague expenses debited to current revenue in 1896-97 and 1897-98 and work done for Private Parties	74,96,969 2 10	84,32,588 4 3	70,26,479 7 7	....	14,06,108 12 8	8,19,471 2 11	5,86,637 9 9	
	4,37,055 0 1*n*	3,80,085 0 0	5,00,000 0 0	1,19,915 0 0	....	.....	1,19,915 0 0	Do. do. do. in 1897-98.
	70,59,914 2 9	80,52,503 4 2	65,26,479 7 7	1,19,915 0 0	14,06,108 12 8	8,19,471 2 11	7,06,552 9 9	
Net advance made up to 1897-98 on account of the purchase of frontage lands in Agripada, &c., estate now written off	....	8,12,546 4 8	8,12,546 4 8		15,26,023 12 8	.....	.....	
Grand Total..Rs.	70,59,914 2 9	88,65,049 8 11	73,39,025 12 3		15,26,023 12 8	8,19,471 2 11	7,06,552 9 9	

10. From the foregoing Statement C it will be observed that against a total sum of Rs. 88,65,049-8-11 allotted for expenditure during 1898-99 as per para. 7, the actual disbursements made during the year amounted to only Rs. 73,39,025-12-3, thus leaving an unexpended balance of Rs. 15,26,023-12-8 at the close of the financial year.

Out of this balance, the sum of Rs. 8,19,471-2-11 is proposed to be renewed during the current year for payment of liabilities incurred during the past year and for the cost of works not completed during that year, as well as to provide for works sanctioned but not yet taken in hand.

It will be noticed that the amount of lapsed grants proposed to be renewed this year is higher than that renewed in the past year by Rs. 2,99,401-4-0 ; the increase was principally due to the following causes :—

(1) To a large portion of the Road Repairs grant having remained unexpended owing to the repairs of several roads having been deferred until the latter part of the year in consequence of the bad state of our finances, and then to the scarcity of labour.

(2) To the additional grants, aggregating 1 lakh, sanctioned on 8th December 1898 and 16th February 1899 on account of excess in the Street Improvement Grant having remained almost unexpended owing to claims for set-backs acquired not having been submitted for payment before the close of the year.

(3) To the grant of Rs. 1 lakh for compensation to house-owners for insanitary buildings demolished having remained unexpended, with the exception of a small sum of Rs. 2,521.

(4) To the sum of Rs. 68,000 being required to be renewed for the purchase of bullocks and construction of carts and for other charges in connection with the Health Department Reorganization Scheme.

The last column of Statement C shows that the actual saving amounted to Rs. 7,06,552-9-9, which lapsed to Surplus Cash Balance at the close of the past year.

11. In the following table I have shown the Departments and heads of accounts in which lapses of grants have occurred, the savings anticipated when framing the revised estimates for 1898-99, and the net anticipated saving :—

	Actual Savings.	Amount of savings anticipated while framing the revised estimates for 1898-99.	Net Savings.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence ...	10,143 6 1	8,152 5 7	1,991 0 6
Assessment and Collection ...	8,885 0 1	1,609 0 5	7,275 15 8
Fire Brigade	7,721 15 10	5,037 7 11	2,684 7 11
Public Gardens...	3,128 10 10	.....	3,128 10 10
Engineer's Department ...	1,00,310 10 2	23,236 4 0	77,074 6 2
New Works	14,498 7 2	8,029 1 2	6,469 6 0
Health Department	3,62,640 0 8	2,79,057 8 0	83,582 8 8
Police	140 8 4	.....	140 8 4
Education	2,505 2 11	2,147 3 2	357 15 9
Hospitals, &c.	1,799 0 9	2,054 0 0	*—254 15 3*
Miscellaneous	5,637 8 10	0 10 8	5,636 14 2
Debt	68,614 1 9	66,984 1 0	1,630 0 9
Investments	613 0 4	300 0 0	313 0 4
Rs...	5,86,637 9 9	3,96,607 9 11	1,90,029 15 10
Rebate on account of plague expenses debited to current Revenue (in addition of Rs. 3½ lakhs already shown in the Budget for 1898-99)... Rs.	1,50,000		
Less—Amount of anticipated rebate for work performed for private parties in connection with the plague, not realised in 1898-99, as the whole of such expenses were transferred to private works account at the close of 1897-98 Rs.	30,085 1,19,915 0 0	1,47,915 0 0	*28,000 0 0
Total Rs...	7,06,552 9 9	5,44,522 9 11	1,62,029 15 10

* The amount of Rs. 28,000 was estimated on account of rebate to current Revenue in respect of the proportion, debitable to the Plague Grant, of the expenditure incurred on the Arthur Road Hospital during 1897-98. The amount could not be adjusted in the accounts for 1898-99, as the actual amount was not then ascertained.

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Renewal of Grants and Savings in Expenditure per Statement C.

12. The purposes for which the more important portions of the unexpended balances, amounting to Rs. 8,19,471-2-11, under the different major heads are required to be renewed during 1899-1900 and the principal causes contributing to the aggregate saving of Rs. 7,06,552-9-9 are as follow :—

General Superintendence.—The unexpended balance amounted to Rs. 39,397-2-6, of which the sum of Rs. 29,253-12-5 is required to be renewed during 1899-1900 for the payment of legal expenses incurred during the past year, and for payment of printing, &c., charges in connection with the Corporation and Standing Committee's Establishment and the Chief Accountant's Office, charges for winding and keeping in order Municipal clocks, repairs to the Municipal Office buildings, &c. Out of the saving of Rs. 10,143-6-1 the sum of Rs. 5,890-7-10 was saved on the Corporation and Standing Committee's Establishment, owing to the retirement of Mr. Barrow from 21st November 1898 and the new Secretary having joined on the minimum salary and to the post of Office Manager having remained vacant during the whole of the year, and on the provision for fees to members of the Standing Committee. The sum of Rs. 2,279-8-11 was saved in the Municipal Commissioner's Personal Office Establishment, owing to the present Commissioner having joined on the salary of Rs. 2,500, whereas the late Commissioner drew Rs. 3,000, and in the Office Establishment and Contingent Grants. The sum of Rs. 827-12-5 was saved on the General Office Establishment, principally owing to a portion of the grant for 1896-97 for law charges, renewed in 1898-99, not being fully required. The saving on the Accounts and Expenditure Establishment amounted to Rs. 1,145-8-11. This was principally due to vacant appointments not having been for some time filled up.

Assessment and Collection Department.—The unexpended balance was Rs. 22,281-14-10, of which Rs. 13,396-14-9 will have to be renewed for payment of unpaid Establishment and Contingent charges of the Property and Wheel Tax Establishment, Town Duty Commission bills for January and February 1899, which remained unpaid owing to an excess in the grant, and for Land Conveyance License Establishment and Contingent charges from October 1898 to March 1899. The saving of Rs. 8,885-0-1 accrued principally on the Property and Wheel Tax Establishment, and Revenue and Refund Audit Office Establishment and Contingent Grants, and on the provision for summons fees in License cases.

Fire Brigade.—Out of the unexpended balance of Rs. 12,201-2-11, Rs. 4,479-3-1 will have to be renewed principally for payment of charges for clothing supplied and for payment of unpaid interest on the debentures of the 4½ lakhs Fire Brigade Loan. The net saving of Rs. 7,721-15-10 accrued chiefly on the Establishment grant and on the provision for purchase of horses.

Maintenance of Public Gardens.—The unexpended balance, excluding that under New Works, amounted to Rs. 3,706-6-2, of which a sum of Rs. 577-11-4 will have to be renewed for petty charges in connection with the Victoria Gardens and the garden at Mahim. Of the net saving of Rs. 3,128-10-10, Rs. 2,427-14-7 were saved on the Contingent, Seeds and Plants, and Water-supply grants of the Victoria Gardens. The savings on all the other gardens amounted to Rs. 700-12-3. The whole of the unexpended balance of Rs. 20,642-4-5 under Victoria Gardens New Works will have to be renewed for the completion of the works already sanctioned.

Public Works (Engineer's) Department.— Against the total Budget grants aggregating Rs. 17,95,147-9-3, for the four different branches of this Department, the expenditure amounted to Rs. 13,55,094-5-1, leaving an unexpended balance of Rs. 4,40,053-4-2, of which Rs. 3,39,742-10-0 will have to be renewed in 1899-1900, and the balance of Rs. 1,00,310-10-2 was an actual saving.

The major and minor heads are dealt with below :—

I.—General Supervision and Miscellaneous Duties.—The unexpended balance amounted to Rs. 1,118-14-2, of which Rs. 375-9-3 are to be renewed for payment of Establishment, Printing and Contingent charges, and the balance of Rs. 743-4-11 is a saving effected on the Establishment and Contingent Grants.

II.—Drainage.—The aggregate unexpended balances under this head amounted to Rs. 25,506-9-9, of which Rs. 10,024-9-9 are required to be renewed in 1899-1900, and the balance, Rs. 15,482, is a saving. The sub-heads contributing principally to the lapses, with the explanation of the lapses, are as follow :—

A.—Miscellaneous Drainage.—The unexpended balance was Rs. 13,826-4-8, of which Rs. 7,055-0-7 are required in the current year for payment of unpaid Establishment and Contingent and Printing charges, and for the completion of different repairs, &c., works undertaken last year and for cleaning the open main drain from the Bellasis Bridge to the Love Grove Sluice Gates. The balance of Rs. 6,771-4-1 was saved principally on the grants for Establishment, Repairs and Contingencies.

B.—Maintenance of Love Grove Pumping Station.—Out of the unexpended balance of Rs. 5,944-6-4, Rs. 2,249-14-11 are required to be renewed for payment of Printing, Repairs, Stores and Ground Rent charges and for the supply of piston rings. The saving of Rs. 3,694-7-5 was effected principally on the Contingent, Water-supply and Repairs grants.

C.—Maintenance of Sluices.—Out of the unexpended balance of Rs. 1,071-0-5, Rs. 88-8-6 are required for payment of charges for stores supplied. The saving of Rs. 982-7-11 was effected on the Materials, Repairs, Contingent and Water-supply grants.

D.—Maintenance of Pumping Station, Colaba (Shone System).—Out of the unexpended balance of Rs. 4,664-14-4, Rs. 631-1-9 are required for payment of Stores and Repairs charges. The saving of Rs. 4,033-12-7 principally accrued on the Coal, Labour, Contingent and Water Supply grants.

III.—Water Works Maintenance.—There was an unexpended balance of Rs. 1,24,032-15-0, of which Rs. 71,336-11-0 require to be renewed as under :—

		Rs.	a.	p.
(1).	For payment of establishment, materials, clothing, rent, contingent, stationery, repairs, &c., charges	7,176	11	6
(2).	For repairs to the Kasheli Embankment, Tansa Duct...	35,892	0	0
(3).	For sundry works, such as re-washing of sand and other materials in filters of Bhandarwada Reservoir, putting in filtering materials in the Malabar Hill Reservoir filters, and widening and repairing embankment on the Vehar and Tulsi lines	28,267	15	6
		Rs. 71,336	11	0

There was thus a net saving of Rs. 52,696-4-0, which was chiefly effected on the provision for Establishment, Materials and Tools and Plant, Contingent and Repairs Grants.

Adding to the above unexpended balance of Rs. 1,24,032-15-0, Rs. 13,473-9-11 and Rs. 72,925-2-5 on account of the balances of the Water Works New Works, and Debt grants respectively, the total unexpended balance of all the Water Works items aggregated Rs. 2,10,431-11-4, of which Rs. 71,336-11-0, Rs. 12,918-1-3 and Rs. 71,487-8-0, aggregating Rs. 1,55,742-4-3, will have to be renewed in 1899-1900. The net saving thus amounted to Rs. 54,689-7-1.

IV.—Streets and Buildings.—The total unexpended balance under this major head amounted to Rs. 2,89,394-13-3. Of this sum, the actual saving aggregated Rs. 31,389-1-3, and Rs. 2,58,005-12-0 represent lapsed grants which are to be renewed in 1899-1900. The minor heads and the variations therein from the budget estimates are as follow :—

A. Inspection and Supervision.—From the unexpended balance of Rs. 7,553-8-7, a sum of Rs. 323-7-5 is required to be renewed to meet unpaid Establishment, Printing, and Contingent charges. The balance of Rs. 7,230-1-2 was principally saved on the Establishment grant.

B. Public Lighting.—The unexpended balance amounted to Rs. 25,027-5-10, of which Rs. 5,001-1-5 are required to be renewed to meet the cost of shifting lamps at different places, and of substituting incandescent gas lamps for Kerosine lamps, and for 750 new lanterns supplied for Kerosine lamps. The actual saving amounted to

Rs. 20,026-4-5, of which Rs. 9,522-10-3 were savings on the Gas Lighting Grant and Rs. 10,503-10-2 on the Kerosine Lighting Grant. The latter was chiefly owing to the rate for Kerosine oil being lower than that estimated.

C. Road Watering.—From the unexpended balance of Rs. 8,078-14-8, Rs. 5,954-5-3 are required to complete the purchase and fixing of new pattern hydrants in different places. The savings amounted to Rs. 2,124-9-5.

D. Roads, Footpaths, &c.—The whole of the unexpended balance of Rs. 56,088-11-11 under this head with the exception of a small saving of Rs. 248-14-3 is proposed to be renewed in the current year to meet liabilities incurred in the past year and to meet the cost of repairs to roads which had to be deferred last year for want of funds.

E. Street Improvements.—The whole of the unexpended balance of Rs. 95,167-2-8 under this head with the exception of a small saving of Rs. 1,759-4-0 effected on the renewed grant for purchase of Street boards and House No. plates will have to be renewed in 1899-1900 for payment of cost of set-backs acquired during the past year, but not paid for in that year, and for charges for House No. plates, &c., already incurred.

F. Compensation to House-owners for insanitary buildings demolished.—The whole of the unexpended balance of Rs. 97,479-1-7 is proposed to be renewed in 1899-1900, as no provision under this head has been made in the budget for the latter year.

New Works.—The unexpended balance of the grants for New Works, the amount required to be renewed therefrom in 1899-1900 and the actual savings are shown in the following table :—

	Rs. a. p.	Rs. a. p.
Amount required for payment of charges for completed works and for the completion of works in progress—		
Water Works	* 422 5 3	
Other Municipal Works	53,537 0 5	
		53,959 5 8
Amount required for works not taken in hand in 1898-99—		
Water Works	* 12,495 12 0	
Other Municipal Works	18,522 4 0	
		31,018 0 0
(Municipal Rs. 72,059-4-5 + Water Works Rs.	* 12,918-1-3)=	84,977 5 8
Savings on Completed Works—		
Water Works	* 555 8 8	
Other Municipal Works	13,942 14 6	
(Municipal Rs. 13,942-14-6 + Water Works Rs.	* 555-8-8)=	14,498 7 2
(„ „ 86,002-2-11+ „	Rs. * 13,473-9-11)=	Rs. 99,475 12 10

Public Health Department.—I. General Supervision.—The unexpended balance amounted to Rs. 4,787-14-7, from which Rs. 478 are required to be renewed for unpaid Establishment charges and for the cost of fixing Wallace's Pail depôts at the Girgaum and Kamatipura Night-soil Depôts. The net savings amount to Rs. 4,309-14-7, which was principally effected on the provision for salaries of the Superior Staff, owing to the personal allowance provided for Mr. Leask not being required from 20th August 1898, from which date he was transferred to the post of Divisional Health Officer, and to the appointment of one of the Deputy Health Officers having remained vacant owing to the transfer for three months of the incumbent to Plague Duty, and under Office Establishment owing to the transfer of some of the permanent staff to the Divisional Offices under the new scheme.

II.—Conservancy Branch.—The unexpended balance amounted to Rs. 2,21,363-5-2, from which Rs. 21,795-15-0 are required to be renewed for unpaid Establishment, Repairs, Stores, Rent, &c., charges and for the construction of moveable dust-bin carts and drain carts and for the cost of removing and re-erecting four sheds of the Sankli Tank Road Hospital for sick bullocks. The net saving of Rs. 1,99,567-6-2 accrued under the following heads:—

	Unexpended Balance.	To be renewed in 1899-1900.	Actual Savings.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
I. Superintendence and Inspection ...	6,399 5 7	283 1 1	6,116 4 6
II. Labour (including Feed of Cattle)—			
(a) Surface Drain-cleaning ...	8,991 12 9	.....	8,991 12 9
(b) Gully Flushing	6,807 1 3	112 12 1	6,694 5 2
III. Disposal of Town Sweepings—			
(a) Reclamation	2,989 5 0	82 10 0	2,856 11 0
(b) Kurla Reclamations	1,37,960 0 0	.....	1,37,960 0 0
(c) Incineration	1,098 10 3	230 13 0	867 13 3
IV. Repairs	2,599 5 6	1,115 7 0	1,483 14 6
V. Stores (Disinfectants and Miscellaneous).	3,813 1 8	3,354 11 11	458 5 9
VI. New Stock	2,544 10 0	2,309 10 0	235 0 0
VII. Rent	7,344 2 6	7,217 5 1	126 13 5
VIII. Water Supply	4,129 1 11	.....	4,129 1 11
IX. Waterproof Clothing...	331 4 0	274 8 0	56 12 0
Rs...	1,84,957 12 5	14,980 14 2	1,69,976 14 3
X. Halalkhor Branch—			
(a) Superintendence	2,315 15 9	4 6 2	2,311 9 7
(b) Labour	180 4 6	.....	180 4 6
(c) Feed of Bullocks...	15,838 7 6	.....	15,838 7 6
(d) Stores (Disinfectants and Miscellaneous)	1,636 10 3	750 5 10	886 4 5
(e) Repairs, &c.	4,880 6 6	3,606 7 10	1,273 14 8
(g) Rent	1,833 15 2	1,290 9 9	543 5 5
(h) Lighting Night-soil Depôts	330 0 0	30 0 0	300 0 0
(i) Water Supply	8,142 11 7	.....	8,142 11 7
Rs...	35,158 7 3	5,681 13 7	29,476 9 8
XI. Removing and re-erecting four sheds of the Sankli Tank Hospital for sick bullocks of the Health Department ...	1,247 1 6	1,133 3 3	113 14 3
Total...Rs.	2,21,363 5 2	21,795 15 0	1,99,567 6 2

III.—Markets and Slaughter Houses.—The unexpended balance amounted to Rs. 12,863-9-3, from which Rs. 1,482-12-9 are to be renewed for payment of Stores, Repairs, Rent, &c., charges. The saving of Rs. 11,380-12-6 accrued principally on the grants for Lighting, Meat Carriage, Repairs and Water Supply.

IV.—Registration of Births and Deaths.—Out of the unexpended balance of Rs. 2,606-2-1, only Rs. 216-15-6 are required to be renewed for payment of Unpaid Establishment and Printing, Contingent and Lighting charges. The balance of Rs. 2,389-2-7 was saved principally on the provision for Office Establishment, Registrars and Contingencies.

V.—Cemeteries.—From the unexpended balance of Rs. 1,393-1-3, Rs. 325-6-6 are required to be renewed for Stores, Water Supply, Shoeing and Repair charges. The saving of Rs. 1,067-10-9 was effected principally on the grants for Establishment, Feed of Horses and Stores.

VII.—Mahalaxmi Dhobiwada.—The unexpended balance amounted to Rs. 2,917-4-4, from which Rs. 1,092-14-10 are required to be renewed for Repairs and Stores charges, thus leaving a saving of Rs. 1,824-5-6 which was effected chiefly on the Water Supply grant.

VI.—Laboratory, VIII.—Infectious Diseases, IX.—Milch Cattle Stables, X.—Tank Conservancy, and XI.—Rustomji Jamshedji Dharamshalla.—The unexpended balances under these heads aggregated Rs. 5,466-11-4 from which Rs. 1,670-4-1 are required to be renewed for payment of Stores and Repair charges in connection with Milch Cattle stables and Falkland Road Dharamshala, and for supplies, repairs, &c., charges in connection with the Arthur Road Infectious Diseases Hospital. The net saving of Rs. 3,796-7-3 was principally effected on the Arthur Road Hospital Establishment, Milch Cattle stables, Repairs and Water Supply grants.

XII.—Vaccination.—From the unexpended balance of Rs. 1,991-9-9, only Rs. 56-9-1 are required to be renewed to meet the cost of Drainage arrangements to the stable in Hornby Road.

XIII.—Erecting temporary stables for the Segregation of cattle suffering from the Foot and Mouth Disease.—The whole of the unexpended balance of Rs. 1,335-8-11 with the exception of the small sum of Rs. 28 required for the payment of certain advertisement charges, is a saving.

XIV.—Coombharwada and Dongri Dispensaries.—The whole of the unexpended balance of Rs. 1,090 under these heads is required to be renewed in 1899-1900 to meet charges in connection with the Dispensaries.

The total unexpended balances of the grants for the different branches of the Health Department aggregated Rs. 2,56,578-8-6 of which Rs. 28,236-13-9 are required to be renewed in 1899-1900, and a saving of Rs. 50,000 has already been taken credit for in the Budget for 1898-99. The net saving on the Health Department grants, therefore, amounted to Rs. 1,78,341-10-9.

Out of the provision made in the Budget for 1898-99 on account of the excess cost of the Health Department Re-organization scheme only Rs. 58,979-15-1 were expended during that year, as the scheme was not brought into force till November 1898, and then only partially. The unexpended balance at the end of the year amounted to Rs. 2,20,779-0-11 from which Rs. 65,304-11-0 are required to be

renewed in 1899-1900 for purchase of bullocks and construction of scavengering and drain carts, for the purchase of office furniture and for the payment of charges already incurred for printing, stationery, advertisement and contingencies. The net saving, therefore amounted to Rs. 1,55,474-5-11.

The whole of the grant amounting to Rs. 31,538 on account of the excess cost of the Registration Department Re-organization scheme remained unexpended. From this, however, a sum of Rs. 2,714 is proposed to be renewed in 1899-1900 for printing, stationery and contingent charges, for extra office furniture for Registration Offices, and for uniforms for extra peons and karkoons in the event of the Re-organization scheme coming into force during 1899-1900.

Including the balance of the grants for the above schemes the total unexpended balance of the Health Department grants aggregated Rs. 5,08,895-9-5, of which Rs. 96,255-8-9 are required to be renewed and Rs. 50,000 have already been taken credit for as a saving as stated above. The net saving thus amounted to Rs. 3,62,640-0-8.

Education.—The unexpended balance amounted to Rs. 3,058-15-7, of which Rs. 553-12-8 will have to be renewed to meet the cost of 4 cases ordered for the Victoria and Albert Museum from the Municipal Workshops, the payment of contribution for February 1899 towards the school for the Deaf and Dumb, and for unpaid stationery charges in connection with the Joint Schools Committee's Establishment. The net saving amounted to Rs. 2,505-2-11 which was almost wholly effected on the Victoria and Albert Museum Establishment, Artware, Annual Repairs, &c., grants.

Hospitals, &c.—The saving of Rs. 1,799-0-9 accrued on the grant for the Goculdas Tejpal Hospital, and the Homeless Leper Asylum at Matunga. The saving under the former head was due to Government having refunded on 4th November 1898 Rs. 2,470-13-9, the unexpended balance of the Municipal contribution for 1897-98, out of which Rs. 940 were spent for the pay of 4 nurses and the cost of their uniforms.

Miscellaneous.—Rs. 17,698-2-0 remained unexpended under these heads of which Rs. 12,060-9-2 are required to be renewed for the following purposes :—

(1) Rs. 2,667-1-1 under Pensions, gratuities, &c., for payment of pensions not drawn by different pensioners up to the close of 1898-99 and for payment of compassionate allowances sanctioned to be paid to the widows of deceased employes.
(2) „ 1,510-7-6 under Discretional Contingencies for payment of charges for certain works sanctioned out of this grant.
(3) „ 45-0-0 under Election expenses for advertisement charges.
(4) „ 0-8-7 under Grain compensation for payment to a peon of the Assessment Department.
(5) „ 5,837-8-0 for cost of printing and binding 550 copies of a Calendar of Municipal Records.
(6) „ 2,000-0-0 for honorarium to be paid to Mr. Barrow for his literary labours in preparing the Calendar.

Rs. 12,060-9-2.

The balance of Rs. 5,637-8-10 was saved on the grants for Pensions, &c., Discretional Contingencies, and cost of analysis of articles of food, &c.

Municipal Debt.—Rs. 2,86,135-8-5 remained unexpended under the grants for Interest on Loans, Bank's Commission, &c., Charges and Repayment of Debt. Of this sum Rs. 2,06,521-6-8 on account of outstanding interest as shown in detail in Appendices 1 (B, D to H, J, M and N), and Rs. 11,000 being the amount of 22 debentures of the Drainage Loan of 1878, which became repayable on or before the 1st January 1899, but which were not surrendered by the holders for repayment up to 31st March 1899 are required to be renewed in 1899-1900. The net saving thus amounted to Rs. 68,614-1-9 as shown below :—

	Rs.	a.	p.	Rs.	a.	p.
Savings on the grants for Commission payable to the Bank of Bombay (Rs. 565-13-5) and for Miscellaneous Loan charges (Rs. 4-4-0)				570	1	5
Savings on interest on Loans due to the Municipality not being able to raise the following Loans during 1898-99 and consequently the interest provision for the same not being required :—						
15½ lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loan, second instalment of Rs. 5½ lakhs; half-year's interest at 4 per cent.	11,560	0	0			
4 per cent. 25 Lakhs Loan for Sewerage, Water and other Sanitary Works—Instalment of Rs. 18 lakhs; 4 months' interest; Municipal Rs. 22,562-5-7 and Water Works Rs. 1,437-10-5	24,000	0	0			
4 per cent. 19¼ lakhs Sewerage, Roads and Sanitary Works Loan; 1st instalment of Rs. 5¼ lakhs; about 3½ months' interest	6,000	0	0			
4 per cent. Permanent Loan of Rs. 20 lakhs for Plague purposes; about four months' interest	24,949	0	0			
Savings on the interest provision for the temporary loans of Rs. 35 lakhs taken up from the Bank of Bombay ...	1,595	0	4			
				68,044	0	4
(Municipal Rs. 67,176-7-4 + Water Works Rs. 1,437-10-5) =				68,614	1	9

Unpaid Interest (to be renewed)—

		Rs.	a.	p.			
5 per cent. Rs. 26,94,000	Drainage Loan of 1878 (as per Appendix 1-B)...	22,762	8	0			
5 „	44 Lakhs Sanitary Works Loan of 1885-86 (do. 1-D)	23,862	8	0			
5 „	7 Do. do. of 1888 (do. 1-F)	5,725	0	0			
5 „	12 Lakhs Drainage and Water Works Loan (do. 1-E)	14,675	0	0			
5 „	Rs. 10,08,500 Miscellaneous Works Loan (do. 1-H)	4,000	0	0			
5 „	35 Lakhs Various Sanitary Works Loan (do. 1-J)	26,500	0	0			
4 „	42 Lakhs Loan for repayment of balance of Government Consolidated Loan (as per Appendix 1-M)	23,850	0	0			
4 „	28¼ Lakhs Loan for Drainage, Water, Roads and other works (as per Appendix 1-N)	13,658	14	8			
		Rs. 1,35,033	14	8			
5 „	Tansa Water Works Loan (as per Appendix 1-G)...	71,487	8	0			
(Municipal Rs. 1,35,033-14-8 + Water Works Rs. 71,487-8-0) =		Rs. 2,06,521	6	8			
Unpaid Capital (to be renewed)—							
One Debenture of the Drainage Loan of 1878, repayable on 1st January 1898, and 21 repayable on 1st January 1899, not presented for repayment up to the end of March 1899 (as per Appendix 1-A)		11,000	0	0			
					2,17,521	6	8
(Municipal Rs. 2,13,210-6-0 + Water Works Rs. 72,925-2-5) =					Rs. 2,86,135	8	5

It should be noted that owing to the very high figures, which the Bank's rates reached in 1897-98, the Municipality had to pay to the Bank of Bombay the sum of Rs. 1,61,773-15-7 as interest on the 15 lakhs Loan from 1st November 1897 to 30th August 1898, and the 20 lakhs Loan from 22nd December 1897 to 30th August 1898. The interest paid to the Bank on the two Loans for the half-year ending 27th February 1899, amounted to Rs. 80,904-15-8.

SURPLUS CASH BALANCE.

13. The subjoined statement shows the state of the Surplus Cash Balance at the close of the year 1898-99 :—

D

Dr. *Cr.*

To sums payable—	Rs. a. p.	Rs. a. p.	By—	Rs. a. p.	Rs. a. p.
Deposits, &c., in cash	2,88,883 6 5		Cash deposits and investments—		
Do. on account of contractors' Government Paper kept in Office ...	7,100 0 0		Cash balance in the Office and Bank Treasuries	10,56,879 9 11	
Government of Bombay on account of income tax	67 15 1		Surplus cash investments— Rs. a. p		
Loan Works Establishment	17,869 15 8		5 per cent. Municipal and 4 per cent. Port Trust Debentures with the Bank of Bombay... 94,490 0 0		
		3,13,871 5 2			
Provisional Contributions received from Government for Plague expenses ...		14,50,000 0 0	Current accounts with—		
		17,63,871 5 2	The Comptoir National d'Escompte de Paris ...1,01,609 14 1 Rs. a. p.		
Reserve Stock per contra		8,75,554 7 10			
Amount to be renewed in 1899-1900 for unpaid charges for and prior to 1898-99.		8,19,471 2 11	The Hongkong and Shanghai Banking Corporation ...1,01,612 2 7		
		34,58,896 15 11			
Balance at the close of 1898-99—			The Chartered Bank of India, Australia & China ...1,01,948 3 0		
Minimum cash balance required by the Act	1,00,000 0 0				
Surplus Cash Balance	**6,53,004 6 1**				
		7,53,004 6 1	The National Bank of India, Limited ... 1,01,442 3 1		

				4,06,612	6	9	
						5,01,162	6 9
5 per cent. Municipal Debentures belonging to different Loans, &c., Funds, pledged with the Bank of Bombay as security against the temporary Loan taken up from the Bank pending the raising of the permanent Loan ...							15,57,982 0 8
							12,80,000 0 0
Advances—							
To Loan works—							
Expenditure on Loan Works as per Statement E attached						3,74,05,263	13 10
Amount drawn from Loan Funds as per Statement E attached						3,71,25,500	0 0
			Rs.	a.	p.	2,79,763	13 10
To Municipal Officers, &c...			66,165	0	10		
For Private and Departmental works ...		...	1,03,978	1	8		
For printing and stamping Building and Repair Certificates and Water Application forms	...	...	205	12	0		
To contractors ...		...	48,312	1	7		
						2,18,660	15 8
For Reserve Stock—							
General ...		...	48,124	7	3		
Water Works		...	4,14,541	10	11		
Drainage ...		...	3,95,467	9	9		
Executive Engineer		...	17,420	11	11		
						8,75,554	7 10
							13,73,919 5 4
Total ..... Rs.			42,11,901	6	0	Total ..... Rs.	42,11,901 6 0

E

Statement showing expenditure on Loan Works and the amounts drawn from Loan Funds up to 1898-99 :—

	Rs. a. p.	Amount of expenditure. Rs. a. p.	Amount drawn. Rs.
Drainage and Water Works (Rs. 26,94,000) Loan of 1878—			
Drainage, 1st Section	16,33,001 14 3		
Water Works (Bhundarwada)	10,16,830 13 8		
		26,49,832 11 6	26,94,000
Surface Drainage Works		6,00,000 0 0	6,00,000
Sanitary Works (44 Lakhs) Loan—			
Surface Drainage Works (Rs. 13,22,134-8-8 —Rs. 6,00,000)	7,22,134 3 8		
Drainage (1883-84)	8,85,548 12 5		
Do. (1884)	4,01,080 11 5		
Ripon Road	1,41,500 1 2		
Other Sanitary Works	87,110 9 6		
Water Works	18,95,947 12 0		
		41,33,317 1 9	44,00,000
Sanitary Works (Rs. 7 Lakhs) Loan—			
Fort Drainage, &c.	4,62,337 0 0		
Water Works	1,42,241 5 4		
		6,04,578 5 4	7,00,000
Drainage and Water Works (Rs. 12 Lakhs) Loan—			
Queen's Road Sewerage, &c.	9,01,437 3 2		
Water Works (Frere Road Main)	80,031 5 0		
		9,81,468 8 2	12,00,000
Miscellaneous Works (Rs. 10,08,500) Loan—			
Drainage Works	58,396 14 10		
Cross Road at Mahaluxmi Station	19,594 4 8		
Nowroji Hill Road	69,937 10 0		
Markets (Erskine Road, &c.)	4,86,906 2 8		
Water Works	1,16,214 3 2		
		7,51,049 3 4	10,08,500
House Sullage Water Connections, Agripada (Rs. 2,48,000) Loan		2,33,533 12 10	2,48,000
Various Sanitary Works (Rs. 35 Lakhs) Loan—			
Drainage	13,864 7 3		
New roads at Agripada and elsewhere	15,00,000 0 0		
Bhuleshwar Market Extension and Foras Road Market	3,72,226 3 2		
Other Works	3,31,811 2 3		
Water Works	8,72,574 9 10		
		30,90,476 6 6	35,00,000
Tansa Water Works (147 Lakhs) Loan		1,46,96,383 7 0	1,47,00,000
Municipal Building (including Furniture, &c.) (8 Lakhs) Loan		7,33,060 3 0	8,00,000
Fire Brigade Quarters, &c. (4½ Lakhs) Loan		4,03,073 7 1	4,50,000
23½ Lakhs Drainage, Water Works, Roads and other Works Loan—			
Drainage	18,00,147 9 7		
Falkland Road Overbridge	15,082 9 4		
Wari Bunder Bridge	1,82,652 0 0		
Other Works	5,890 14 1		
Water Works	1,41,409 5 9		
		20,95,182 6 9	23,25,000
16½ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loan—			
Drainage	5,33,638 7 6		
Wari Bunder and Victoria Roads ... Rs. a. p. 3,03,355 6 11			
Less—Contributed by the Port Trust for Wari Bunder Road ... 1,56,500 0 0			
	1,47,355 6 11		
Burial Ground	2,06,366 9 1		
Water Works	283 14 4		
		8,87,644 5 10	10,00,000
Carried over... Rs.	3,18,59,599 15 1		3,36,25,500

	Rs. a. p.	Rs. a. p.	Rs.
Brought forward...		3,18,69,599 15 1	3,86,25,500
25 Lakhs Loan for Sewerage, &c., Works—			
Drainage	3,83,013 15 11		
Water Works	955 1 0		
Disposal of Town Sweepings and land for Burial Ground.....	8,06,087 12 9		
		11,90,056 13 8	15,00,000
19¼ Lakhs Loan for Sewerage, Roads, &c., Works—			
Drainage	64,951 3 1		
Purchase of land for Burning and Burial Grounds	11,158 0 0		
		76,109 3 1	.....
Loan for Plague expenses—			
Plague expenses incurred in 1896-97, 1897-98 and 1898-99		35,32,408 4 6	20,00,000
Works executed out of savings on different loans—			
Drainage.....	2,93,992 7 5		
Water Works	1,83,035 13 6		
Markets	34,989 12 9		
Roads, &c.	48,352 13 2		
Miscellaneous Works	2,039 11 11		
		5,62,310 10 9	.....
Advanced from Surplus Balances—			
Survey for pipe sewers in Umarkhari and other Districts.....	11,621 6 1		
Establishment for altering drawings for sewerage of the Umarkhari District...	458 6 9		
Tracing plans and sections of the Parel, Mazagon, and Old Race Course Districts	1,087 15 8		
Establishment for the preparation of plans and estimates for the sewerage of Mazagon, Parel and Old Race Course Districts and other works.....	23,215 0 0		
Establishment for the scheme for facilitating the escape of flood water...	1,084 1 8		
	37,466 13 9		
	Rs. a. p.		
Fees to Major Tulloch for preparing a report on the best means for filtration of Tulsi water-supply ...		1,877 12 0	
Overbridge at Fergusson and DeLisle Roads.....	1,984 0 0		
Diversion of Arthur Road over the masonry bridge constructed over the old main drain	16,266 11 1		
Overbridge at Curry Road	7,388 3 10		
Land at Cavel Street	1,556 13 4		
	27,195 12 3		
Health Department Stables in F and G Wards.....	68,120 8 2		
Health Department Bigaris' Chawl at Bori Bunder	50,058 0 7		
	1,18,178 8 9		
		1,84,718 14 9	.....
Total ...Rs.		3,74,05,208 13 10	3,71,25,500

14. It will be seen from Statement D that the year closed with a Surplus Cash Balance of Rs. 6,53,004-6-1 excluding the 1 lakh required by law. This result is arrived at after writing off Rs. 8,12,546-4-8 being the net amount advanced for the purchase of frontage land in the Agripada, &c., Estate. When preparing the Budget Estimates for 1899-1900, the Surplus Cash Balance at the close of 1898-99 was estimated at Rs. 4,00,000 excluding the 1 lakh required by law; the actual Surplus Cash Balance has amounted to Rs. 6,53,004-6-1, showing an increase of Rs. 2,53,004-6-1, which is made up thus :—

	Rs.	a.	p.
Income realized in 1898-99 in excess of the amount estimated while preparing the Budget Estimate for 1899-1900	84,311	7	8
Savings in expenditure in 1898-99 in addition to those estimated while preparing the Budget Estimate for 1899-1900	1,69,637	9	9
Savings on account of certain Lapsed grants which were intended to be renewed in 1898-99, but which were subsequently not renewed owing to the works having been deferred	3,439	9	2
	2,57,388	10	7
Less—			
Amount of additional grants sanctioned for 1898-99 in excess of the amount of Rs. 2,01,717 reserved in the Budget for 1899-1900	76,416	5	4
	1,80,972	5	3
Add—			
Amount reserved in the Introductory Remarks of the Budget for 1899-1900, page ii—to meet excess on the Arthur Road Hospital Grant for 1898-99, but which has not been appropriated, pending the adjustment of the accounts of the Hospital	44,000	0	0
	2,24,972	5	3
Reduction in the balance of Reserve Stock in 1898-99	28,032	3	11
	2,53,004	9	2
Less—			
Difference due to round figures having been taken in the opening balance in the budget for 1899-1900 ...	0	3	1
Total ...Rs.	2,53,004	6	1

15. The above balance, it should be noted, should be increased by the sum of Rs. 81,000, which had to be paid to the Bank of Bombay in 1898-99 on account of the half-year's interest on the 35 lakhs temporary Loans, due on 28th February 1899, although provision for the same has been made in the current year's budget. The payment was made to the Bank last year by an additional grant from Surplus Cash Balance, which will be increased by a corresponding saving in the current year's Budget provision.

APPENDICES.

16. *Nos. 1-A and B.*—From the first statement it will be seen that owing to twenty-two debentures, one redeemable on 1st January 1893, and twenty-one on 1st January 1899, not having been surrendered by the holders thereof for repayment up to the close of 1898-99, a sum of Rs. 11,000 remained unpaid on account of the Drainage Loan of 1878, and has been renewed to meet the liability, when claimed. Statement B shows that the outstanding interest on the loan has been reduced from Rs. 23,412-8-0 in the preceding year to Rs. 22,762-8-0 in the year under Report.

Nos. 1-C and D.—As usual the amount of interest paid from the raising of the 44 Lakhs Sanitary Works Loan to the end of 1898-99, the amount of the principal already paid off, and the sum invested as Sinking Fund on account of the loan are shown in Statement 1-C. It will be seen from Statement 1-D that there is a reduction of Rs. 4,000, in the outstanding interest on the 31*st* March 1899, as compared with that in the preceding year.

Nos. 1-E to O exhibit the outstanding interest on the different loans in the beginning of 1898-99, the amounts due in that year, the amounts paid in that year, and the outstanding balances at the close of the year. They also show the amounts of Sinking Fund invested on account of the different loans.

17. *No. 2.—Town Duty Statement.*—As usual this statement gives the various articles on which duty was levied at the time of import under the provisions of Section 192 (1) of the Municipal Act, and the refunds allowed thereon under Section 192 (2) on their export.

In the following table, the Balances, Revenue and Refunds during the year are contrasted with those of the preceding year :—

	1897-98.		1898-99.	
	Rs.	Rs.	Rs.	Rs.
Opening Balance	3,695		23,500	
Revenue	17,29,761		22,55,540	
		17,33,456		22,79,040
Deduct—				
Refunds	7,58,532		11,42,842	
Closing Balance	23,500		19,037	
		7,82,032		11,61,879
Net Revenue		9,51,424		11,17,161
Less—Cost of Collection, &c.		62,808		65,408
Net Revenue after payment of Collection Charges	Rs.	8,88,616	Rs.	10,51,753

The gross collections for the year were estimated in the Budget Estimate at Rs. 19,87,000, and the refunds at Rs. 8,82,000; thus a net revenue of Rs. 11,05,000 was estimated from this source.

From the figures given above it will be seen that the actual realizations were Rs. 2,68,540 more than the estimate and that the closing balance at the end of the year was Rs. 4,463 less than that in the preceding year; thus an increased revenue of Rs. 2,73,003 was realised, but owing to the refunds being Rs. 2,60,842 more than the estimate, the net increase of revenue over the estimate as reduced to Rs. 12,161. The increase of Rs. 2,68,540 was obtained principally on Grain, Wines and Spirits and Sugar. The increase of Rs. 2,60,842 under Refunds was wholly due to Grain and Sugar. The marginal figures show the contrast between the gross income from the duties levied during the year with those of the preceding year. Except the decrease of Rs. 57,360 under Sugar, there were increases aggregating Rs. 5,83,139 on the other items.

Articles.	Actuals for 1897-98.	Actuals for 1898-99.	More.	Less.
	Rs.	Rs.	Rs.	Rs.
Grain	1,92,873	6,36,223	4,42,350	...
Flour	94	101	7	...
Wines & Spirits	2,31,963	2,59,326	27,363	...
Beer	27,569	33,650	6,081	...
Sugar	9,55,172	8,97,752	...	57,360
Ghee	1,75,335	2,22,377	47,042	...
Timber ...	1,11,645	1,38,778	27,133	...
Firewood	34,670	67,833	33,163	...
Total...Rs	17,29,761	22,55,540	5,83,139	57,360
			57,360	
			Increase. 5,25,779	

18. *No. 3* is the usual Cash Account statement comprising all the cash transactions of the year, both Receipts and Disbursements including adjustments together with advances, deposits, investments, &c.

LOAN WORKS.

19. A further expenditure of Rs. 462-13-0 incurred on laying pipe sewers in certain narrow lanes in the Mandvi District raised the total

expenditure on drainage Works sanctioned out of the Drainage Loan of Rs. 16,94,000 of 1878 to Rs. 16,33,001-14-3 as detailed below :—

	Estimate of 17th January 1879.	Contract sanctioned on 24th January 1880.	Sanctioned contract plus additional works subsequently sanctioned in 1881.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.	Amount payable for work to be done.	Grand Total.
	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Main Sewers	6,04,264	4,69,974	4,94,272	4,92,691 8 2	.....	4,92,691 8 2	.....	4,92,691 8 2
Pipe Sewers	4,72,864	3,71,164	3,76,536	2,80,820 1 7	469 13 0	2,81,298 14 7	23,445 11 0	3,09,744 9 7
Outfall Sewer	2,03,542	2,03,542	2,56,585	2,55,766 10 0	.....	2,55,766 10 0	.....	2,55,766 10 0
New Pumping Station ...	3,50,000	1,00,000	99,241	98,289 9 6	.....	98,289 9 6	.....	98,289 9 6
One pair of Engines ...		86,500	92,500	95,742 3 9	.....	95,742 3 9	.....	95,742 3 9
Establishment	2,73,372	4,68,820	1,91,741	.....	.....	.....	.....	.....
Contingencies			3,81,366	2,93,482 5 10	.....	2,93,482 5 10	1,343 6 9	2,94,826 12 7
	17,00,000	17,00,000	17,00,000	15,16,801 6 10	469 13 0	15,17,271 8 10	29,789 1 9	15,47,060 5 7
Kamatipura Works ...	.....	... ...	.....	76,471 4 6	.....	76,471 4 6	.....	76,471 4 6
Clerk Road Sewer ...	.....	.....	.....	39,259 5 11	.....	39,259 5 11	.....	39,259 5 11
			Rs.	16,32,532 1 8	469 13 0	16,33,001 14 3	29,789 1 9	16,62,791 0 0
Balance transferred to Bhandarwada Loan as per Commissioner's No. 7617, dated 14th September 1886, adopted by the Town Council and the Corporation.								31,209 0 0
							Total...Rs	16,94,000 0 0

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20. Including Rs. 74,063-14-10 spent in 1898-99 on House Connection works carried out in Mandvi, Malabar Hill, Colaba, Parel and other places, the total expenditure on Drainage Works sanctioned out of the 15 lakhs Loan (one of the three Sanitary Works Loans aggregating Rs. 44 lakhs) amounted to Rs. 8,85,543-12-5 as detailed below :—

		Sanctioned Grant.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Queen's Road Intercepting Sewer, including compensation for land	.....	1,92,000 0 0			
Less—Compensation received from Govt....	50,000 0 0				
Cost of Establishment	12,348 0 0	62,348 0 0			
		1,29,652 0 0			
Add—Amount transferred from Surface Drainage Works	.....	24,317 0 0			
		1,53,969 0 0	1,53,969 0 0	.....	1,53,969 0 0
House Connections without privy fittings ...	5,71,165 0 0				
Add—Amount transferred from the provision for Ovoid Sewer, Argyll Road	19,046 14 4				
	5,90,211 14 4				
Less—Amount transferred to meet excess on Pumping Engine	11,600 0 0				
		5,78,611 14 4	3,68,608 13 2	74,063 14 10	4,42,672 12 0
Automatic Flushers at heads of gullies		5,570 0 0	.....	.. ...	.....
Two more Pumping Engines	88,000 0 0				
Transfers sanctioned for excess cost of the Engines ... ... Rs. 9,600					
„ for extras required in connection with the erection of the Engines ... ... „ 2,000					
	11,600 0 0				
	99,600 0 0				
Less—Savings transferred to other works ...	1,161 14 3				
		98,438 1 9	98,438 1 9	.....	98,438 1 9

House Connections, Kamathipura	60,161 0 0				
Less—Savings transferred to other works ...	25,183 8 7	34,977 7 5	34,977 7 5	.....	34,977 7 5
Provision for Shaft Ventilators throughout ...	45,652 0 0				
Less—Savings transferred to other works ...	704 15 6	44,947 0 6	44,947 0 6	.....	44,947 0 6
Establishment	89,239 0 0				
Less—Savings transferred to other works ...	370 0 0	88,869 0 0	88,869 0 0	.....	88,869 0 0
House Connections Survey...	4,621 0 0				
Less—Savings transferred to other works ...	59 2 9	4,561 13 3	4,561 13 3	.....	4,561 13 3
Survey of Pipe Sewers	5,113 0 0				
Less—Transferred to other works	5,113 0 0	.....	.....	.....	.....
Closing storm-water openings in Frere Road sewer	22,827 0 0				
Add—Amount transferred from the Argyll Road pipe sewer	2,369 0 0				
	25,196 0 0				
Less—Savings transferred to other works ...	8,087 6 6	17,108 9 6	17,108 9 6	.....	17,108 9 6
Total...Rs.		10,27,052 14 9	8,11,479 13 7	74,063 14 10	8,85,543 12 5

21. A sum of Rs. 201-9-3 was spent in 1898-99 on the Colaba and Umarkhadi Sewerage Works. This brought the total expenditure on Drainage Works sanctioned out of the 23½ Lakhs Loan to Rs. 18,00,987-9-7. Deducting from this sum Rs. 840 realized by the sale of 12″ Cast Iron Sluice Valves belonging to the Colaba Sewerage Works, the net expenditure amounted to Rs. 18,00,147-9-7 as under :—

	Original Estimate.	Revised Estimate sanctioned under Corporation's Resolution No. 3694, dated 17th July 1893.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
Engines and Pumps required for the working of the Love Grove Pumping Station.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Cost of engines and pumps as sanctioned under Corporation's Resolution No. 6135, dated 8th September 1891—£ 23,960 at 1s. 6d. .. .. Rs. 3,38,259 0 0		3,76,771 11 4			
Increased charges for machinery sanctioned under Corporation's Resolution No. 7349, dated 18th October 1892, on account of the fall in exchange .. .. „ 40,000 0 0					
Additional grant sanctioned under Corporation's Resolution No. 7555, dated 11th October 1894, to meet excess on the last instalment payable to the contractors, due to fall in exchange		2,463 7 10			
Telegram charges sanctioned out of savings in the grant		241 4 0			
	3,78,259		3,79,476 7 2	3,79,476 7 2	....	3,79,476 7 2
Construction of engine and boiler houses, &c., and the foundations of engines, as per Corporation's Resolution No. 6135, dated 8th September 1891	31,350	13,761 0 0			
Less—Electric lighting sanctioned out of savings		975 0 0			
			12,776 0 0	12,222 7 7	....	12,222 7 7
Additional grant sanctioned under Corporation's Resolution No. 3317, dated 4th July 1892, to be met from the sale proceeds of old engines, &c.	40,000	57,887 0 0			
Less—Several works sanctioned out of savings		5,228 3 0			
			52,658 13 0	52,658 13 0	....	52,658 13 0
Erection of machinery, &c.		23,805 0 0			
Add—Amount sanctioned from savings (*vide* Commissioner's No. 10460 of 14th October 1893)		2,712 8 0			
			26,517 8 0	26,281 4 0	....	26,281 4 0
Establishment and contingencies .. .. Rs. 18,833 0 0					
Less—Transferred to erection of machinery .. .. Rs. 2,712 8 0					
Telegram charges .. .. „ 241 4 0					
„ 2,953 12 0	30,391				
Sundry other works sanctioned in the revised estimate.		15,929 4 0			
Do. do. by the Commissioner out of savings ..		9,850 0 0			
		6,203 3 0			
			31,982 7 0	31,860 1 5	....	31,860 1 5
	4,30,000		5,03,411 3 2	5,02,499 1 2	....	5,02,499 1 2
Less—Cost of erecting a new engine and boiler house at Love Grove to be recovered from the sale proceeds of the four engines and boilers, &c.	40,000		40,000 0 0	*Cr. 39,153 8 8*	....	*Cr. 39,153 8 8*
Total .. Rs.	4,40,000		4,63,411 3 2	4,63,345 8 6	....	4,63,345 8 6

Storm-water drains and pipe sewers in Connaught and Sussex Roads		37,537 0 0	24,858 15 3	....	24,858 15 3
Establishment and Contingencies, &c...	Rs. 6,772 0 0				
Road repairs..	„ 7,607 0 0				
		14,379 0 0	11,065 0 6	....	11,065 0 6
		51,916 0 0	35,923 15 9	....	35,923 15 9
Storm-water drains in different places		21,321 0 0	19,416 11 9	....	19,416 11 9
Establishment and Contingencies		3,198 0 0	2,402 15 5	....	2,402 15 5
		24,519 0 0	21,819 11 2	....	21,819 11 2
Miscellaneous extensions and improvements of Drains	Rs. 36,871 0 0				
Deduct—Savings transferred to Catch Pit on Mint Road sewer sanction under Corporation's Resolution No. 4057, dated 4th August 1898..	„ 520 0 0	36,351 0 0	33,664 6 1	....	33,664 6 1
Storm-water drains in Morland, Club and Souter Roads and Gilder Street		1,28,288 0 0	79,644 0 2	....	79,644 0 2
Sewerage of Colaba	Rs. 6,17,050 0 0				
Add—Amount transferred from the Queen's Road sewers and house connections, as per Corporation's Resolution No. 5339, dated 9th August 1894	„ 50,000 0 0				
Additional grant sanctioned under Corporation's Resolution No. 3888, dated 2nd July 1896	Rs. 78,437 0 0				
Deduct—Amount realized by auction sale of materials .. „	14,446 13 0				
	„ 63,990 3 0	7,31,040 3 0	7,22,765 4 0	Cr. 540 0 0	7,21,925 4 0
Establishment and Contingencies	Rs. 92,558 0 0				
Add—Amount of Government Promissory Notes deposited by Messrs. Bulkley & Co. to be sold as per Commissioner's No. 4290, dated 5th June 1896	„ 6,200 0 0	98,758 0 0	96,546 7 0	59 10 6	96,606 1 6
		8,29,798 3 0	8,19,311 11 0	Cr. 780 5 6	8,18,531 5 6
Sewerage of Umarkhadi	Rs. 3,02,143 0 0				
Add—Amount transferred from the grant for the main sewer of Parel as per Corporation's Resolution No. 7247, dated 10th October 1895	„ 37,034 0 0				
		3,39,177 0 0	3,01,531 13 4	141 14 9	3,01,973 12 1
Establishment and Contingencies		45,321 0 0	45,244 14 4	....	45,244 14 4
		3,84,498 0 0	3,47,076 11 8	141 14 9	3,47,218 10 5
GRAND TOTAL.. Rs		13,18,781 6 2	13,00,786 0 4	Cr. 638 6 9	13,00,147 9 7

22. On the sewerage of the Mazagon, Ferguson Road and Chinchpokli and old Race Course districts on the gravitation system, a sum of Rs. 23,375-2-4 was spent in 1898-99. This brought the total expenditure on Drainage Works sanctioned out of the 15¾ lakhs Loan to Rs. 5,33,638-7-6 as shown below :—

	Sanctioned Grant.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Sewerage of the Mazagon District on gravitation system	2,89,271	2,20,119 11 3	17,576 13 9	2,37,696 9 0
Establishment and Contingencies	43,390	35,752 1 10	72 8 11	35,824 10 9
Rs.	3,32,661	2,55,871 13 1	17,649 6 8	2,73,521 3 9
Sewerage of Malabar and Khambala Hill Districts on gravitation system	1,35,545	1,15,589 3 3	.....	1,15,589 3 3
Establishment and Contingencies	20,481	13,797 0 0	.....	13,797 0 0
Rs.	1,57,026	1,29,386 3 3	.....	1,29,386 3 3
Sewerage of Fergusson Road and Chinchpokli District on gravitation system, including pipe sewers in Fergusson and Bapty Roads	81,387	75,690 1 8	3,853 15 2	79,544 0 10
Establishment and Contingencies	12,205	10,000 9 3	284 14 4	10,285 7 7
Rs.	93,572	85,690 10 11	4,138 13 6	89,829 8 5
Raising sewage in Queen's Road sewer .. Rs.	1,86,197	1,862 0 0	.....	1,862 0 0
Sewerage of Old Race Course District on gravitation system	33,047	32,112 4 1	1,283 9 0	33,395 13 1
Establishment and Contingencies..	7,223	5,370 5 10	273 5 2	5,643 11 0
	40,270	37,482 9 11	1,556 14 2	39,039 8 1
Total..Rs.	5,15,726	5,10,263 5 2	23,375 2 4	5,33,638 7 6

23. On the purchase of machinery for the sewerage of the Mazagon, &c., Districts, Sectional system, and the construction of a storm-water drain from the Wellington Fountain *via* the Bandstand to the sea, a further expenditure of Rs. 2,43,811-12-11 was incurred. This sum, together with the expenditure incurred in the previous year, raised the cost of the sewerage works executed out of the 25 lakhs Loan, to Rs. 3,83,013-15-11 as shown below :—

	Sanctioned Grant.	Amount expended up to 31st March 1898.	Amount expended during 1898-1899.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Machinery for the sewerage of Parel, Mazagon, &c., Sectional Districts.	8,77,625	80,442 11 0	1,83,116 0 11	2,63,558 11 11
Establishment and Contingencies..		21,951 8 11	36,551 7 0	58,502 15 11
		1,02,394 3 11	2,19,667 7 11	3,22,061 11 10
Mazagon District—Sectional ...	3,30,072	....	13,039 6 9	13,039 6 9
Establishment and Contingencies.		3,118 2 0	8,072 8 2	11,190 10 2
		3,118 2 0	21,111 14 11	24,230 0 11
Stormwater drain from Wellington Fountain *via* Bandstand to the Sea.	37,355	27,405 1 2	2,666 4 0	30,071 5 2
Establishment and Contingencies..		6,284 11 11	366 2 1	6,650 14 0
		33,689 13 1	3,032 6 1	36,722 3 2
Total.... Rs.	12,45,052	1,39,202 3 0	2,43,811 12 11	3,83,013 15 11

24. In addition to Rs. 122-12-0 spent in the preceding year on the improvement in the existing side drains along Bhoiwada Cross Road and new side drains along portions of Dadar Road, a sum of Rs. 14,087-2-2 was spent in 1898-99. A sum of Rs. 50,741-4-11 was also spent on the Surface Drainage of Kamatipura. This brought the total expenditure on Drainage Works sanctioned out of the 19¼ lakhs Loan to Rs. 64,951-3-1 as per details given below :—

	Sanctioned Grant.	Amount expended up to 31st March 1898.	Amount Expended during 1898-1899.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Improvements in the existing road side drains along Bhoiwada Cross Road and new side drains along portions of Dadar Road, and improvements in the water-course from Dadar Road.	30,475	....	12,092 2 6	12,092 2 6
Establishment and Contingencies..		122 12 0	1,994 15 8	2,117 11 8
		122 12 0	14,087 2 2	14,209 14 2
Surface Drainage of Kamatipura ..	91,805	....	43,639 6 0	43,639 6 0
Establishment and Contingencies ..		....	7,101 14 11	7,101 14 11
		....	50,741 4 11	50,741 4 11
Total.. Rs.	1,22,280	122 12 0	64,828 7 1	64,951 3 1

24. The total expenditure on Drainage Works sanctioned out of savings on different Loans aggregated Rs. 2,93,092-7-5 as shown below. This sum includes Rs. 40,563-14-11 spent in 1898-99 on the construction of a catchpit on the Mint Road sewer, storm-water drain in Khetwady, a masonry drain from Girgaum Road, and storm-water drains in different places, and constructing a shred-lifter chamber with 4 shred-lifters at Love Grove :—

	Sanctioned Grant.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs.	Rs. a. p.	Rs. a p.	Rs. a. p.
Main sewerage of Parel	67,481	13,522 2 9	....	13,522 2 9
Establishment and Contingencies	10,122	8,599 4 11	....	8,599 4 11
	77,603			
Less—Savings transferred to Umerkhadi Sewerage Works—*vide* Corporation's Resolution No. 7247, dated 10th Oct. 1895.. .. ..Rs. 37,034				
Less—Savings transferred to Pipe Sewers, Currey Road.. ,, 4,246				
Do. do. Lalwady.. ,, 2,579				
	43,359			
Rs.	33,744	22,121 7 8	....	22,121 7 8
Arching over with brick masonry the main drain at Arthur Road Crossing	15,652	14,819 13 6	....	14,819 13 6
Establishment and Contingencies	2,348	835 2 10	....	835 2 10
Rs.	18,000	15,655 0 4	....	15,655 0 4
Laying branch pipe sewers in the village of Parel .. ..Rs. 18,132				
Less—Transferred to 9" pipe line at Parel village, Standing Committee's Resolution No. 461, dated 10th April 1895.. .. .. ,, 1,029				
	17,103	14,803 2 0	....	14,803 2 0
Establishment and Contingencies	2,720	2,724 11 11	....	2,724 11 11
Rs.	19,823	17,527 13 11	....	17,527 13 11
Completing the storm-water drain from the top of Bazaar Gate Street to the Salvation Army Hall, Hornby Road	16,809	10,646 2 10	....	10,646 2 10
Establishment and Contingencies	4,789	3,813 15 9	....	3,813 15 9
Rs.	21,598	14,460 2 7	....	14,460 2 7
Pipe sewer in Currey Road	4,246	2,595 15 5	....	2,595 15 5
9" Pipe sewer at Lalwady	2,879	2,087 8 2	....	2,087 8 2
Sewerage of Parel on the gravitation system ..	81,620	62,081 1 5	....	62,081 1 5
Storm-water drain in Cruickshank Road	27,073	17,337 6 0	....	17,337 6 0
9" Pipe line at Parel village sanctioned under Standing Committee's Resolution No. 461, dated 10th April 1895	1,029	873 7 3	....	873 7 3
Laying 9" pipe for the carriage of storm-water to the Sea from the eastern half of the Wodehouse Road	2,008	1,992 1 3	....	1,992 1 3
Constructing catchpit on the Mint Road sewer opposite the European General Hospital ..	4,468 / 520	11 15 0	4,783 11 4	4,795 10 4
Altering and avoiding storm-water drain in Girgaum	15,388	11,436 3 9	....	11,436 3 9
Storm-water drain in Khetwady	54,486	45,541 13 4	7,105 5 4	52,647 2 8
Draining storm-water from public roads round the Mahaluxmi Dhobiwada	1,415	1,156 0 3	....	1,156 0 3
Converting the old engine house at Love Grove into an office and godown and constructing a shred-lifter chamber with 4 shred-lifters sanctioned under Corporation Resolution No. 12033 of 4th February 1897	25,625 / 3,500	3,732 15 7	9,204 0 2	13,937 15 9
Masonry drain from Girgaum Road and passing through night-soil depôt and across Mathew Road	23,678	9,575 1 11	5,388 7 5	14,963 9 4
Opening of the existing public water-course behind Mr. Cama's property, Parel Road ..	7,659	3,362 6 7	....	3,362 6 7
Laying 12" pipe sewers from the Emergent Reservoir to the manholes in Apollo Street	3,189	3,169 7 8	....	3,169 7 8
Storm-water drains in different places	37,475	18,644 8 8	13,982 6 8	32,626 15 1
Total.. Rs.	3,88,993	2,53,428 8 6	40,563 14 11	2,93,992 7 5

25. The total advances made on account of Survey, &c., charges for different drainage works remained at the same figure as that in the preceding year, *viz.*, Rs. 37,466-13-9.

26. A sum of Rs. 6,460-6-5 was paid on account of cost of certain land acquired for the Tansa Water Works. This raised the total expenditure incurred up to 31st March 1899 out of the Tansa Loan of 1 Crore and 47 Lakhs to Rs. 1,46,96,383-7-0, as detailed below :—

	Amount of grant as per the final Revised Estimate sanctioned by the Corporation on 23rd Feb. 1893 and subsequently modified as per their Resolutions Nos. 6609, 12743, 1537 & 8248, dated 19th Oct. 1892, 7th Feb. 1895, 6th May 1895, and 7th July 1898.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
Dam, Outlet Works, &c.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Payments to Messrs. Glover & Co. for Dam construction	35,43,863 14 6	35,43,863 14 6	.....	35,43,863 14 6
Outlay on outlet works, screens, &c....	10,724 1 9	10,640 1 9	.....	10,640 1 9
Memorial structure at Tansa ...	2,628 0 0	2,185 2 9	.....	2,185 2 9
Rs.	35,57,216 0 3	35,56,689 3 0	.....	35,56,689 3 0
Duct from Tansa Dam to Ghatkopar.				
Payments to Messrs. Walsh, Lovett, Mitchell & Co.... ...	55,08,480 0 8	55,08,480 0 8	.....	55,08,480 0 8
Four Sluice houses on Siphon No. 6	16,211 5 0	16,211 5 0	.....	16,211 5 0
Sixteen cabins along the line of Duct	12,871 11 8	12,871 11 8	.....	12,871 11 8
Roofing over the conduit at Bandra	7,680 0 0	7,680 0 0	.....	7,680 0 0
Widening creek banks at Thana and other protective works ...	6,814 15 2	6,814 15 2	.....	6,814 15 2
Protective works in sub-divisions Nos. 2 and 3	3,297 11 6	3,297 11 6	.....	3,297 11 6
Gratings at siphon heads and tails including fixing	1,687 0 9	1,595 9 0	.....	1,595 9 0
Masonry channel to let out water from the Tansa duct into the Vehar Lake	1,348 12 0	1,348 12 0	.....	1,348 12 0
Pitching banks	977 0 0	977 0 0	.....	977 0 0
Screen for the Ghatkopar siphon head	334 0 0	334 0 0	.....	334 0 0
Wrought-iron standards for extension of Bridge No. 3 ...	320 5 1	320 5 1	.....	320 5 1
Flooring Bassein bridge & culverts	12,167 5 11	12,167 5 11	.....	12,167 5 11
Widening embankments at Bassein Creek	10,000 0 0	9,941 2 0	.....	9,941 2 0
Dry rubble stone pitching on Siphon No. 5	2,447 7 8	2,447 7 8	.....	2,447 7 8
Work at basis of cabins	747 7 10	747 4 10	.....	747 4 10
Bungalows taken over by the Municipality	311 15 10	200 0 0	.....	200 0 0
Excavating and widening the old Khosta Nulla	320 8 6	320 8 6	.....	320 8 6
Earth filling and loose stone-pitching in No. 4 Division ...	224 0 2	224 0 2	.....	224 0 2
Repairing 2' drain on Siphon No. 2, &c.	204 9 3	204 9 3	.....	204 9 3
Raising manholes in No. 3 Division	38 8 1	38 8 1	.....	38 8 1
Masonry required at Ghatkopar clearing sluice	863 14 4	691 13 3	.....	691 13 3
Renewing boundary marks ...	73 14 0	73 14 0	.....	73 14 0
Rs.	55,87,443 9 5	55,86,987 15 9	.....	55,86,987 15 9
Carried over...Rs.	91,44,658 9 8	91,43,677 2 9	.....	91,43,677 2 9

	Amount of grant as per the final Revised Estimate sanctioned by the Corporation on 23rd Feb. 1893 and subsequently modified as per their Resolutions Nos. 6809, 12743, 1537 & 2246, dated 12th Oct. 1893, 7th Feb. 1895, 6th May 1895, and 7th July 1898.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.	91,44,658 9 8	91,43,677 2 9	.....	91,45,677 2 9
Duct from Ghatkopar to Bombay.				
Payments to Messrs. Sittaram Luxumon & Co.	3,43,765 11 1	3,43,765 11 1	.....	3,43,765 11 1
27" Arthur Road Main	39,835 3 7	39,835 3 7	.....	39,835 3 7
Earthwork between Ghatkopar and Matunga	34,190 2 8	34,190 2 8	.....	34,190 2 8
Sub-way at Chinchpokli	20,317 6 3	20,317 6 3	.....	20,317 6 3
Alterations at Kurla Creek ...	14,587 14 3	14,587 14 3	.....	14,587 14 3
Ironwork for swing bridge at Kurla	13,422 15 6	13,422 15 6	.....	13,422 15 6
Construction of three sluice houses	12,757 1 2	12,757 1 2	.....	12,757 1 2
Erection of bridge at Ghatkopar...	8,723 8 0	8,723 8 0	.....	8,723 8 0
Ironwork for bridge at Ghatkopar	5,980 0 0	5,980 0 0	.....	5,980 0 0
Diversion of gas main and sundry petty charges	5,102 2 6	5,102 2 6	.....	5,102 2 6
Pumping out water at Chinchpokli	4,053 5 1	4,053 5 1	.....	4,053 5 1
9" pipe sewer, Arthur Road ...	3,413 8 3	3,413 8 3	.....	3,413 8 3
Additional flooring to bridge over the G. I. P. Railway at Ghatkopar	2,295 0 0	2,295 0 0	.....	2,295 0 0
Embankment at Rowli salt works	959 12 10	959 12 10	.....	959 12 10
Lifting 48" main over Ghatkopar bridge	320 0 0	320 0 0	.....	320 0 0
Ghatkopar Strainers	12,000 0 0	10,701 14 8	.....	10,701 14 8
Filling up to pipe embankment level a strip of land taken up for the pipe line at Kurla to store pipes	2,640 0 0	2,131 7 8	.....	2,131 7 8
Additional work, Ghatkopar bridge	1,600 0 0	1,353 5 6	.....	1,353 5 6
Rs.	5,25,963 11 2	5,23,910 7 0	.....	5,23,910 7 0
Pipes, Special Castings, &c.				
Payments to Messrs. Macfarlane, Strang & Co.	37,99,064 10 3	37,98,926 2 5	.....	37,98,926 2 5
Special castings, &c., supplied by Messrs. Richardson and Cruddas and the Water Works Department	21,940 12 7	21,940 12 7	.....	21,940 12 7
Rs.	38,21,005 6 10	38,20,866 15 0	.....	38,20,866 15 0
Land.				
Land acquisition ... .. Rs.	2,82,755 12 7	2,76,295 6 2	6,460 6 5	2,82,755 12 7
Establishment.				
Establishment ... ... Rs.	5,45,195 2 8	5,45,181 2 8	.....	5,45,181 2 8
Carried over...Rs.	1,43,19,578 10 11	1,43,09,931 1 7	6,460 6 5	1,43,16,391 8 0

	Amount of grant as per the final Revised Estimate sanctioned by the Corporation on 23rd Feb. 1893 and subsequently modified as per their Resolutions Nos. 6609, 12743, 1537 & 3248, dated 12th Oct. 1892, 7th Feb. 1895, 6th May 1895, and 7th July 1898.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.	1,48,19,578 10 11	1,48,09,931 1 7	6,460 6 5	1,48,16,391 8 0
Contingencies.				
Cost of survey (including tents,&c)	49,664 8 8	49,664 8 8	.....	49,664 8 8
Office dead stock, instruments and stationery	19,960 0 0	19,960 0 0	.....	19,960 0 0
	69,624 8 8	69,624 8 8	.....	69,624 8 8
Less—Value of stock, tents, &c., transferred to Water Works stock as sanctioned by the Corporation ...	*Cr. 16,406 0 0*	*Cr. 16,406 0 0*	.....	*Cr. 16,406 0 0*
	53,218 8 8	53,218 8 8	.....	53,218 8 8
Cost of trial-pits, forest clearing, and petty charges	1,39,598 9 3	1,39,598 9 3	.....	*1,39,598 9 3
Temporary and inferior establishment	2,75,410 12 2	2,75,410 12 2	.....	2,75,410 12 2
Testing Officer's allowance ...	43,338 1 4	43,338 1 4	.....	43,338 1 4
Construction of office and establishment quarters at Tansa and on the Duct line	28,932 15 9	28,932 15 9	.....	28,932 15 9
Construction of permanent quarters in the village of Khaling for the Inspector of Mandola Division	3,932 0 0	3,502 11 11	.....	3,502 11 11
Removing pipes from Kasheli Bunder to Gadowli Depôt ...	34,390 0 0	34,390 0 0	.....	34,390 0 0
Rent for reclaimed land at the Junction of DeLisle and Arthur Roads used for storing pipes ...	6,000 7 8	6,000 7 8	.....	6,000 7 8
Laying drain pipes below the pipe embankment on the Duct line...	2,534 14 9	2,534 14 9	.....	2,534 14 9
Printing & advertisement charges	4,348 0 2	4,348 0 2	.....	4,348 0 2
Sinking a well at Atgaon ...	881 6 6	881 6 6	.....	881 6 6
Law charges	4,215 7 1	4,215 7 1	.....	4,215 7 1
Rs.	5,96,301 3 4	5,96,371 15 3	.....	5,96,371 15 3
Cost of Tansa opening ceremony Rs.	22,400 10 3	22,400 10 3	.....	22,400 10 3
Cost of a set of silver plate presented to Mr. Clarke ... Rs.	1,219 7 6	1,219 5 6	.....	1,219 5 6
	1,49,40,000 0 0	1,49,29,923 0 7	6,460 6 5	1,49,36,383 7 0
Less—Amount in excess of the Tansa Loan of Rs. 147 lakhs met out of the Premia received on the Loan as sanctioned in Corporation's Resolutions Nos. 8893 and 12693 of 12th Nov. 1891 and 23rd Feb. 1893	2,40,000 0 0	2,40,000 0 0	.....	2,40,000 0 0
Net expenditure ... Rs.	1,47,00,000 0 0	1,46,89,923 0 7	6,460 6 5	1,46,96,383 7 0

* Including Rs. 11,000 paid to Messrs. Walsh, Lovett, Mitchell & Co. in full settlement of all their claims against the Municipality for extra works and Rs. 10,200, being the proportionate amount debitable to the Tansa Works out of the sum of Rs. 15,000 paid to Mr. Sittaram Luxumon in final settlement of all his claims against the Municipality for bonus, &c.

27. Including the sum of Rs. 4,809-1-2 spent on improvements and alterations at the Malabar Hill Reservoir, and on covering the storage basin at the Bhandarwada Reservoir, and constructing filters over it, the total expenditure on the Water Works sanctioned out of the 23¼ Lakhs Loan aggregated Rs. 1,41,409-5-9 as under :—

Works.	Sanctioned Grant.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Works at the Bhandarwada Reservoir...	1,15,000	78,476 10 3	4,577 2 11	83,053 13 2
Improvements at the Malabar Hill Reservoir	75,000	29,626 0 5	231 14 3	29,857 14 8
Extension of water mains ...	30,000	28,026 6 5	.....	28,026 6 5
Road from Vehar to Tulsi ...	25,000	471 3 6	.....	471 3 6
Total ... Rs.	2,45,500	1,36,600 4 7	4,809 1 2	1,41,409 5 9

28. The adjustment in 1898-99 of the sum of Rs. 797-6-1 paid as an advance in 1896-97 on account of survey charges in connection with the laying of water mains in Reay, Kala Chowki and other roads, brought the total expenditure in connection with those mains to Rs. 955-1-0 against the allotment of Rs. 2,31,297 provided for the same in the 25 Lakhs Loan.

29. On the construction of residence for the Chief Inspector, Water Works, and rooms for 6 sluicemen at Babula Tank Road, laying new mains in various places, and renewing the 3″ water main in Worli Road with 9″ pipes, a further expenditure of Rs. 7,375-5-0 was incurred in 1898-99 ; thus the total expenditure on the water works sanctioned out of savings on different Loans aggregated Rs. 1,83,035-13-6, as detailed below :—

	Sanctioned Grant.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Construction of residence for the Chief Inspector of Water Works and rooms for 6 sluicemen at Babula Tank Road..	46,360 0 0	29,763 14 0	2,264 3 3	32,028 1 3
Covering the Storage Basin of the Bhandarwada Reservoir and constructing filters over it	44,597 14 4	44,597 14 4	.....	44,597 14 4
27″ and 24″ mains from Malabar Hill Reservoir to Frere Fountain ..	50,093 1 2	50,093 1 2	.....	50,093 1 2
Connections at Chinchpokli between Vehar and Tansa Mains	7,402 1 4	7,402 1 4	.....	7,402 1 4
New mains in various places	30,000 0 0	25,296 15 0	2,011 8 4	27,313 7 4
Extra cost (chargeable to capital) of renewing 3″ main in Worli Road with 9″ pipes	27,000 0 0	18,596 10 8	3,099 9 5	21,696 4 1
Total.. Rs.	2,05,453 0 10	1,75,860 8 6	7,375 5 0	1,83,035 13 6

30. The sum of Rs. 3,788 paid in 1898-99 out of the Worn-out Mains Renewal Fund to meet further charges (debitable to revenue) in connection with the renewal of 3" pipes in Worli Road with 9" pipes brought the total expenditure on that work out of the above fund to Rs. 26,517-3-9.

31. With Rs. 5,138-13-0 paid for the acquisition of certain property at Dongri in connection with the road through Nowroji Hill, the total expenditure on roads sanctioned out of the Rs. 10,08,500 Miscellaneous Works Loan amounted to Rs. 89,531-14-8, as detailed below :—

	Sanctioned Grant.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Cross road at Mahaluxmi Station from Clerk Road to Haines Road	22,625	19,594 4 8	....	19,594 4 8
Road through Nowroji Hill from Elphinstone Bridge to Dongri Street	*2,63,875	64,798 13 0	5,138 13 0	69,937 10 0
Total..Rs.	2,86,500	84,393 1 8	5,138 13 0	89,531 14 8

*In addition to this sum, an amount of Rs. 68,148 has been provided for this Road in the 35 Lakhs Loan.

32. For the reasons stated in the report for 1897-98 at page 108, the net advance of Rs. 8,12,546-4-8 paid up to the end of that year for the purchase of frontage lands in the Agripada, &c., estate has been written off in the accounts for 1898-99 as provided in the introductory remarks, page i, of the Budget for 1899-1900. This reduced the total expenditure on Roads and Streets in Agripada and elsewhere to Rs. 15,00,000, the sum provided for those roads in the 35 lakhs various Sanitary Works Loan.

33. A sum of Rs. 637-10-3 was spent on the diversion of a drain under the low-level road on the south of the west approach of the Falkland Road overbridge and shifting a gas main from that locality. This brought the total expenditure incurred on bridges sanctioned out of the 35 lakhs Loan to Rs. 1,47,734-9-4, as per particulars given below :—

	Sanctioned Grant.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Falkland Road Bridge	22,000	14,444 15 1	637 10 3	15,082 9 4
Wari Bunder Bridge	1,32,652	1,32,652 0 0	....	1,32,652 0 0
Total.. Rs.	1,54,652	1,47,096 15 1	637 10 3	1,47,734 9 4

34. A further sum of Rs. 1,00,849-15-4 was spent on the Wari Bunder Road and Victoria Road Extension. Including the expenditure incurred up to the end of the preceding year, the total expenditure incurred up to the end of 1898-99 on roads sanctioned out of the 15¾ lakhs Loan amounted to Rs. 1,47,355-6-11, as follows :—

	Sanctioned Grant.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Wari Bunder Road	5,97,348	1,72,569 15 7	1,00,688 0 6	2,73,158 0 1
Victoria Road Extension	26,200	30,435 8 0	261 14 10	30,697 6 10
	6,23,548	2,03,005 7 7	1,00,849 15 4	3,03,855 6 11
Less—Contribution received from the Port Trust	1,56,500	1,56,500 0 0	.....	1,56,500 0 0
Total..Rs.	4,77,048	46,505 7 7	1,00,849 15 4	1,47,355 6 11

35. On the purchase and fixing of new pattern hydrants, a further sum of Rs. 973-8-10 was spent in 1898-99. This, together with the expenditure incurred up to the close of the preceding year, brought the total expenditure against the allotment of Rs. 50,000 sanctioned for the work to Rs. 48,352-13-2.

36. Including the sum of Rs. 17,737-0-5 spent on the diversion of Arthur Road, and purchase of land at Cavel Street in connection with the laying of a new street thereat, the total amount advanced from surplus balances for different roads, &c., upto 31st March 1899, aggregated Rs. 27,195-12-3, as under :—

	Sanctioned Grant.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Diversion of Arthur Road over the Masonry bridge	22,991 0 0	86 8 0	16,180 3 1	16,266 11 1
Purchase of land from Mr. Goculdas Keshavji at Cavel Street in connection with the laying of a new street thereat ..	1,527 8 0	.....	1,556 13 4	1,556 13 4
Purchase of land at Currey Road as a part of the site of the eastern approach to the overbridge to be constructed thereat ..	7,400 0 0	7,388 3 10	.....	7,388 3 10
Purchase of land at the Junction of Fergusson and DeLisle Roads as a part of the site of the proposed overbridge thereat	2,020 0 0	1,984 0 0	.....	1,984 0 0
Total ..Rs.	34,008 8 0	9,458 11 10	17,737 0 5	27,195 12 3

37. On the burial ground for Mahomedans and Beni-Israels there was a further expenditure of Rs. 3,707-1-0, which, together with the expenditure previously incurred, aggregated Rs. 2,06,366-9-1 against the allotment of Rs. 2,41,952 provided for the same in the 15¾ lakhs Loan.

38. An expenditure of Rs. 4,40,020-15-3 was incurred on the scheme for the disposal of Town Sweepings at Deonar, and purchase of land (Narielwady) at Mount Road for extension of the Mahomedan Burial ground and at Sewri for the extension of the Sewri Cemetery. The total expenditure on the different burial grounds, &c., provided for in the 25 lakhs Loan amounted to Rs. 8,06,087-12-9 as per following details :—

	Sanctioned Grant.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Purchase of land at Mount Road, from Mr. Ashburner for extension of Burial Ground for Mahomedans	1,22,000	1,17,046 0 6	....	1,17,046 0 6
Purchase of land at Mount Road in Narielwadi for future extension of the Burial Ground	1,75,000	74 12 0	45,531 2 4	45,605 14 4
Disposal of Town Sweepings at Deonar ..	* 8,44,000	2,48,946 1 0	3,53,671 5 11	6,02,617 6 11
Extension of the Burial Ground at the Sewri Cemetery	87,111	....	40,818 7 0	40,818 7 0
Total..Rs.	12,28,111	3,66,066 13 6	4,40,020 15 3	8,06,087 12 9

* Made up thus :—

Rs. 6,40,000	provided in the Loan of Rs. 25 lakhs.
„ 60,000	do. do. of Rs 19¼ do.
„ 1,44,000	transferred from the provision of Rs. 1,50,000 made in the 23¾ lakhs Loan for the purchase of land on the Flats for the deposit of Town Sweepings.
Rs. 8,44,000	

39. Against the sum of Rs. 60,147 provided in the 19¼ lakhs Loan for purchase of land required for Burning and Burial Grounds at Worli and Mahim, a sum of Rs. 11,158 was paid for purchase of land at Mahim from Mr. Muncherji Bomanji Punthakey and other charges in connection therewith.

40. The sum of Rs. 307-1-3 paid for abatement of land revenue in connection with land taken up for latrines at Colaba and printing, &c., charges brought the total expenditure on that work upto 31st March 1899 to Rs. 2,039-11-11 against the sum of Rs. 24,598 sanctioned for the work out of savings on different Loans.

41. The payment of Rs. 4,717-4-9 made for the temporary market at Currey Road brought the total expenditure on different Markets sanctioned out of savings on former Loans to Rs. 34,889-12-9 as shown below :—

	Sanctioned Grants.	Amount expended up to 31st March 1898.	Amount expended in 1898-99.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Portion of cost of site of the Colaba Market	28,060	28,060 0 0	.....	28,060 0 0
Market at Currey Road..	40,539	2,112 8 0	4,717 4 9	6,829 12 9
Do. Chowpatty...	17,000	.....	.....	.....
Total..Rs.	85,599	30,172 8 0	4,717 4 9	34,889 12 9

42. The total expenditure up to 31st March 1899 on the different Fire Brigade stations and quarters constructed out of the 4½ lakhs Loan, aggregated Rs. 4,03,073-7-1 including Rs. 15,565-3-4 spent in 1898-99 on the Gamdevi and Sankli Tank Road quarters, as detailed below :—

Particulars of Stations, &c.	Originally sanctioned Grant.	Revised Grant.	Amount expended up to 31st March 1898.	Amount expended during 1898-99.	Total.
	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Fort	36,201	31,461	31,454 1 0	.....	31,454 1 0
Colaba	26,468	26,468	24,935 11 6	.....	24,935 11 6
Bhuleshwar	52,815	52,815	51,589 10 8	.....	51,589 10 8
Gamdevi	8,273	15,528	3,957 12 10	10,195 5 10	14,153 2 8
Chinchpokli	7,209	6,509	6,512 7 10	.....	6,512 7 10
Pedder Market	7,721	7,721	7,489 0 4	.....	7,489 0 4
Mahim	6,584	7,164	7,151 0 8	.....	7,151 0 8
DeLisle Road	28,026	25,341	25,280 5 1	.....	25,280 5 1
Filling in Babula Tank	21,716	21,716	20,620 14 11	.....	20,620 14 11
Babula Tank	36,569	36,569	30,609 11 3	.....	30,609 11 3
Filling in Sankli Tank..	1,00,201	1,00,201	92,787 14 10	.....	92,787 14 10
Sankli Tank	1,07,905	1,07,905	76,049 0 2	5,369 13 6	81,418 13 8
Filling in Naigam Tank	2,194	2,194	2,008 6 1	.....	2,008 6 1
Dadar (Naigam Tank)..	8,208	8,208	7,071 2 7	.....	7,071 2 7
Total ..Rs.	4,50,170	4,50,000	3,87,508 3 9	15,565 3 4	4,03,073 7 1

PLAGUE EXPENDITURE.

43. The total expenditure on plague operations up to 31st March 1899 amounted to Rs. 35,32,408-4-6 as shown below :—

		Rs. a. p.
Incurred by the Municipality up to the appointment of the late Plague Committee (*vide* Appendix No. 8-A)		5,19,867 5 5
Incurred by the late Plague Committee	Rs. 14,95,045 15 10	
Incurred by the Municipality during the existence of the Plague Committee	„ 9,62,459 8 11	
(*Vide* Appendix No. 8-B)		24,57,505 8 9
Incurred by the Municipality after the dissolution of the Plague Committee in June 1898 (*vide* Appendix No. 8-C)		5,55,035 6 4
Total Expenditure finally booked up to 31st March 1899	Rs.	35,32,408 4 6

The sums voted for plague purposes by the Corporation from time to time during the year under report are as follows :—

Corporation's Resolution No.	440,	dated	14th April	1898,	Rs.	2,50,000
Do.	do.	„ 1192	„	5th May	1898	„ 2,50,000
Do.	do.	„ 2098	„	9th June	1898	„ 3,50,000
Do.	do.	„ 6047	„	3rd October	1898	„ 2,50,000
					Rs.	11,00,000

These together with the grants previously sanctioned for plague purposes aggregated Rs. 36,00,000.

The expenditure above referred to, of Rs. 35,32,408-4-6 was met from the following sources :—

	Rs.	a.	p.
From the temporary loan obtained from the Bank of Bombay	20,00,000	0	0
From the provisional grant received from Government for plague expenditure	10,00,900	0	0
By advances from surplus loan and other balances pending the settlement of the question of the total liability of the Municipality in connection with plague expenditure	5,32,408	4	6

At the end of the year we received a further provisional grant of Rs. 4½ lakhs from Government.

It may be noted here that the expenditure given above includes over Rs. one lakh and-a-half on account of Rail, Road, and Sea Inspection &c., charges still recoverable from Government, of which, however, a sum of Rs. 59,488-7-4 have already been adjusted by them against their claim for arrears of Police charges. The latter sum has not yet been adjusted in the Municipal Accounts pending the sanction of the necessary grant.

LIABILITIES.

44. *Statement No. 4.*—The balance of the Vehar Debt due to Government was reduced from Rs. 25,28,997-12-9 on 31st March 1898 to Rs. 25,15,957-2-0 on 31st March 1899 owing to the payment of Rs. 13,040-10-9 made during the year.

Debentures of the value of Rs. 53,000 were paid off during the year on account of the Drainage Loan of Rs. 26,94,000 of 1878. 22 debentures of Rs. 500 each or Rs. 11,000 in all (one repayable on 1st March 1893, and 21 on 1st January 1899, were not surrendered by the holders for repayment up to 31st March 1899. The outstanding balance of this loan on the latter date thus amounted to Rs. 19,68,000 against Rs. 19,57,000 as per the terms of the loan. The difference of Rs. 11,000 has been renewed for the repayment of the debentures when surrendered by the holders.

The third instalment of Rs. 8 lakhs of the temporary loan of Rs. 20 lakhs for plague purposes arranged for with the Bank of Bombay was taken up on the 1st July 1898.

The total Municipal Debt on 31st March 1899, thus amounted to Rs. 4,18,54,457-2-0 against Rs. 4,11,20,497-12-9 at the close of 1897-98.

The deposits received from Government on account of expenditure on plague camps and discretionary relief fund, and the retentions made from the bills of the contractors for sewerage works account

principally for the increase in the balance of contractors, &c., cash deposits from Rs. 2,58,795-12-2 at the close of 1897-98 to Rs. 2,88,833-6-5 on 31st March 1899.

The balance of Rs. 67-15-1 due to Government on account of income tax recovered by the Municipality was paid into Her Majesty's Treasury at the Bank of Bombay in May 1899.

The provisional grant of Rs. 14½ lakhs received from Government for plague expenditure has been shown as a liability pending adjustment on receipt of final orders from Government.

The total liabilities of the Municipality on 31st March 1899, including Rs. 2,40,21,688-8-4 on account of Water Works as per Appendix No. 7 amounted to Rs. 4,38,08,328-7-2 against Rs. 4,16,54,268-11-4 on 31st March 1898.

ASSETS.

45. *Statement No. 5.*—The balance of recoverable advances was reduced from Rs. 3,53,482-1-6 on 31st March 1898 to Rs. 2,18,660-15-8, owing principally to the adjustment of the advances made to the Chairman of the late Plague Committee, and to the recovery of some of the outstandings on account of private works executed by the Drainage Department in Mandvi and other districts in connection with the plague.

The advances to Municipal Officers, &c., would have shown a still larger reduction, had not the sum of Rs. 39,000 advanced under the Corporation's sanction on account of expenses incurred at the Arthur Road Hospital in excess of the Budget provision been debited to the personal account of the Health Officer, pending adjustment on the necessary sanction being accorded to an extra grant.

The private and departmental works outstandings on 31st March 1899 amounted to Rs. 1,03,978-1-3 against Rs. 1,24,047-1-3 on 31st March 1898, showing a decrease of Rs. 20,069.

Details of the outstandings amounting to Rs. 20,513-2-10 on account of works undertaken by the Municipal Workshops, are given at page 140 of this report.

Out of the past year's outstandings, for private works Rs. 51,440-11-5 are in respect of works executed on account of plague in connection with the treating of down-take pipes of houses, &c. As payments of bills on account of the same are still disputed by the house-owners, the recovery is being slowly made, which has in some cases to be done by filing suits against the parties concerned. The remaining outstanding of Rs. 2,722-1-10 is on account of ordinary private works.

Rs. 29,302-1-2 represent outstandings on account of departmental works, which could not be adjusted for want of sanction, &c.

The following table shows that the invested balances at 31st March 1899 amounted to Rs. 49,54,928-6-7, against Rs. 48,27,431-2-7 at the close of 1897-98, showing an increase of Rs. 1,27,497-4-0 :—

	On 31st March 1899.			On 31st March 1898.		
	Rs.	a.	p.	Rs.	a.	p.
Surplus Cash Investments (in cash current account and current account deposits and 5 per cent. Municipal and 4 per cent. Port Trust Bonds)	5,01,102	6	9	4,59,839	15	8
Loan Fund Balances, &c.	*12,80,000	0	0	15,00,000	0	0
* This is ear-marked to the Bank of Bombay pending the raising of a permanent Loan.						
Rs.	17,81,102	6	9	19,59,839	15	8
Sinking Fund—						
5 per cent. Municipal Loans (in 5 per cent. Municipal Bonds and Cash as detailed *on* page 137)	16,74,188	8	2	14,64,790	0	4
4 per cent. Municipal Loans (in 4 per cent. Municipal and Port Trust Bonds and Cash as detailed on page 137) ...	5,56,130	11	10	4,22,616	1	10
3½ per cent. Municipal Loans (in 3½ per cent. Government Paper and Cash as detailed on page 137) ..	32,096	0	8	19,191	8	8
Rs.	22,62,415	4	8	19,06,597	10	10
Other Funds—						
Municipal Buildings Fire Insurance Fund (in 5 per cent. Municipal Bonds, 4 per cent. Municipal and Port Trust Bonds and 3½ per cent. Government Paper and Cash)	37,097	11	10	32,580	11	2
Worn-out Water Mains Renewal Fund (in 5 per cent. Municipal Bonds, 4 per cent. Municipal and Port Trust Bonds and 3½ per cent. Government Paper and Cash)	3,13,242	0	5	3,02,043	0	9
Net Premia, &c., Fund (in 5 per cent. Municipal Bonds, 4 per cent. Port Trust Bonds and 3½ per cent. Government Paper and Cash)...	3,18,349	13	11	3,21,492	6	1
School Building Fund (in 3½ per cent. Government Paper and Cash)... ...	52,721	1	0	50,977	6	1
Rs.	7,21,410	11	2	7,07,093	8	1
Rs.	47,64,928	6	7	45,73,531	2	7
Contractors', &c., Deposits in Government and other Securities	1,90,000	0	0	2,53,900	0	0
Total...Rs.	49,54,928	6	7	48,27,431	2	7

There was a reduction of Rs. 1,78,737-8-11 in the balance of the investments of Surplus Cash and Loan Fund Balances due to the transfer of 5 per cent. Municipal Debentures for the investment of the 5 per cent. Municipal Loans Sinking Fund.

The investment of the Sinking Fund instalments of the different Municipal Loans together with that of the interest realized on the investments made from time to time accounts for the increase of Rs. 3,55,817-9-10.

By the investment of the Municipal Buildings Fire Insurance Fund instalment for 1898-99 and of the interest realized on that fund and the Worn-out Water Mains Renewal, Net Premia, &c., and the School Building Funds, there would have been an increase of Rs. 37,424-11-3 on the investments of these Funds up to 31st March 1899. But owing to the transfer of Rs. 3,788 from the Worn-out Water Mains Renewal Fund to meet further charges, (debitable to revenue) on account of the renewal of the 3" Main in Worli Road, and of Rs. 19,319-8-2 from the Net Premia, &c. Fund to meet the premia payable on investments of 5 per cent. Municipal Loans Sinking Fund Investment, and stamp, printing, advertisement, &c., charges in connection with the temporary Plague Loan renewed with the Bank of Bombay, and the 29 lakhs 4 per cent. Loans intended to be raised in 1898-99, the above increase was reduced to Rs. 14,317-3-1 only.

The refund of the deposits of the hay, grain, road-metal, carts and sandstone Contractors during the year under report reduced the Contractors, &c., Government, &c., Paper Deposit from Rs. 2,53,900 at the close of 1897-98 to Rs. 1,90,000 at the close of 1898-99.

The details of the 5 per cent., 4 per cent., and 3½ per cent. Municipal Loans Sinking Fund Investments aggregating Rs. 22,62,415-4-8 as shown in the preceding table, are given in the subjoined statement :—

	Up to 31st March 1898.	Due in 1898-99.	Interest Accumulations in 1898-99.	Total.
1.—5 % LOANS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
(1) 44 Lakhs Sanitary Works Loan	5,59,689 5 6	30,550 0 0	27,708 3 3	6,17,947 15 3
(2) 7 Do. do. do.	75,192 15 2	6,000 0 0	3,659 0 5	84,851 15 7
(3) 147 Do. Tansa Water Works Loan ..	2,87,393 7 11	42,000 0 0	15,229 5 10	3,44,622 13 9
(4) 12 Do. Drainage and Water Works Loan	1,36,541 15 5	11,000 0 0	6,683 15 8	1,54,225 15 1
(5) Rs. 10,08,500 Miscellaneous Works Loan..	95,473 4 9	8,600 0 0	4,778 13 7	1,08,852 2 4
(6) Rs. 2,48,000 Agripada House Sullage Water Connections Loan	22,869 1 4	2,400 0 0	1,091 5 1	26,360 6 5
(7) 35 Lakhs Various Sanitary Works Loan.	2,39,024 7 5	29,000 0 0	11,116 1 6	2,79,140 8 11
(8) 8 Do. Municipal Building Loan ..	48,605 6 10	7,000 0 0	2,581 4 0	58,186 10 10
Total..Rs.	14,64,790 0 4	1,36,550 0 0	72,848 7 10	16,74,188 8 2
		2,09,398 7 10		
In 5 per cent. Municipal Debentures at par lodged with the Bank of Bombay ..	11,64,500 0 0 +	2,60,500 0 0 =	(a)16,74,000 0 0	
Cash deposited with the Bank of Bombay. ..	290 0 4 —	101 8 2 =	188 8 2	
2.—4 % LOANS.				
(9) 4½ Lakhs Fire Brigade Quarters and Stations Loan	43,736 9 5	8,100 0 0	1,709 4 4	53,595 13 9
(10) 42 Lakhs Loan for Repayment of Balance of Government Consolidated Loan ..	3,27,024 1 2	75,500 0 0	14,501 4 2	4,17,025 5 4
(11) 23½ Lakhs Loan for Drainage and other works	51,795 7 2	24,900 0 0	2,533 6 4	79,228 13 7
(12) 15½ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (2nd instalment of 5½ Lakhs)..	.. ..	6,160 0 0	110 11 2	6,270 11 2
Total..Rs.	4,22,616 1 10	1,14,660 0 0	18,854 10 0	5,56,120 11 10
		1,33,514 10 0		
In 4 per cent. Municipal Debentures at par lodged with the Bank of Bombay ..	4,22,500 0 0 +	1,33,601 4 0 =	(b) 5,56,101 4 0	
Cash deposited with the Bank of Bombay. ..	116 1 10 —	86 10 0 =	29 7 10	
3.—3½ % LOAN.				
15½ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment of Rs. 10 lakhs)	19,191 8 8	12,040 0 0	864 8 0	32,096 0 8
		12,904 8 0		
In 3½ per cent. Government Paper lodged with the Bank of Bombay	18,984 6 0 +	12,649 11 0	= (c) 31,634 1 0	
Cash deposited with the Bank of Bombay ..	207 2 8 +	254 13 0 =	461 15 8	
Grand Total of (1), (2) & (3) ... Rs.	19,06,597 10 10	2,63,250 0 0	92,567 9 10	22,62,415 4 8
		3,55,817 9 10		

(a) Includes 5 per cent. Municipal Debentures for Rs. 12,000 purchased on 26th July 1898 at 114 per cent., the premium on which amounting to Rs. 1,680 was met from the Net Premia, &c., Fund.

(b) Includes 4 per cent. Municipal Debentures for Rs. 1,55,000 and Port Trust Bonds for Rs. 16,500 purchased between 6th July 1898 and 13th July 1897, at rates varying from 107¾ per cent. to 114¼ per cent. the premium on which aggregating Rs. 16,929 was met from the Net Premia, &c., Fund.

(c) Includes 3½ per cent. Government Paper for Rs. 18,500 purchased on 8th July 1897 at 102½ per cent., the premium on which amounting to Rs. 393-2 was met from the Net Premia, &c., Fund.

The following statement shows the details of the investments of the Municipal Buildings Fire Insurance, Worn-out Water Mains Renewal, Net Premia, &c., and School Building Funds upto 31st March 1899 :—

Dr. *Cr.*

	Rs. a. p.	Rs. a. p.			Rs. a. p.	Rs. a. p.
1.—*Municipal Buildings Fire Insurance Fund.*						
To			By			
Balance on 1st April 1898.		32,580 11 2	Investments deposited at the Bank of Bombay—			
Realizations of instalment for 1898-99	3,000 0 0		In 5 % Municipal Debentures for Rs. 27,000 at par ...		27,000 0 0	
Realizations of net interest during 1898-99 ...	1,517 0 8		„ 4 % „ „ „ „ 1,500 „ ...		1,500 0 0	
			„ 4 % Port Trust „ „ „ 500 at 99 %		495 0 0	
			„ 4 % „ „ „ „ 1,000 at par ...		1,000 0 0	
			„ 4 ... „ „ „ „ 2,500 at 101 %		2,525 0 0	
			„ 4 ... „ „ „ „ 3,000 at 102½ %		3,075 0 0	
			„ 3½ ... Government Paper „ „ 500 at 98⅜ %		491 14 0	
			„ 3½ ... „ „ „ „ 500 at 101 %		505 0 0	
		4,517 0 8	Between 15th March 1899 and 10th March 1899.	Rs. 36,500	36,591 14 0	
			In Cash		505 13 10	
						37,097 11 10
	Rs...	37,097 11 10			Rs...	37,097 11 10
2.—*Worn-out Water Mains Renewal Fund.*						
To			By			
Balance on 1st April 1898.		3,02,043 0 9	Withdrawals in 1898-99 to replace advances made for renewing mains in Worli Road			3,788 0 0
Realizations of net interest during 1898-99 ...		14,986 15 8	Investments deposited at the Bank of Bombay—			
			In 5 % Municipal Debentures for Rs. 2,87,000 at par ..		2,87,000 0 0	
			„ 4 % „ „ for „ 4,000 „ ..		4,000 0 0	
			„ 3½ % Government Paper for „ 7,000 at 98⅝ %		6,886 4 0	
			„ 4 % Port Trust Bonds for „ 7,000 at 99 %		6,930 0 0	
			„ 4 % „ „ „ 7,000 at par %		7,000 0 0	
			„ 4 % „ „ „ 1,000 at 101 %		1,010 0 0	
			Between 28th March 1898 and 22nd October 1898.	Rs. 3,13,000	3,12,826 4 0	
			In Cash		415 12 5	
						3,13,242 0 5
	Rs.	3,17,030 0 5			Rs.	3,17,030 0 5

3.—*Net Premia, &c., Fund.*

To			By			
Balance on 1st April 1898.		3,21,492 6 1	Withdrawals in 1898-99 to meet premium payable on 5 per cent. Municipal Debentures for Rs. 12,000 purchased on 26th July 1898 for the investment of the 5 per cent. Municipal Loans Sinking Fund	1,080 0 0		
Realizations of net interest during 1898-99		16,187 0 0	Withdrawals in 1898-99 to meet stamp, &c., charges in respect of the balances of the 20 lakhs Loan taken up from the Bank of Bombay in July 1898	4,000 0 0		
			Withdrawals to meet stamp and printing charges in respect of the renewed Loan of Rs. 22,20,000 from the Bank of Bombay	11,510 8 8		
			Withdrawals to meet advertisement, &c., charges in respect of the 29 lakhs Loan for which tenders were invited in 1898-99	2,129 4 6		
						19,319 8 2
			By			
			Investments deposited at the Bank of Bombay—			
			Between 19th Jan. 1894 and 4th March 1899. In 5 % Municipal Debentures for Rs. 3,09,500 at par ...	3,09,500 0 0		
			„ 4 % Port Trust „ „ „ 500 at „ ...	500 0 0		
			„ 3½% Government Paper for „ 3,600 at 101 ..	3,636 0 0		
			„ 2½% „ „ for „ 4,500 at 98⅞ ...	4,426 14 0		
			Rs. 3,18,100	3,18,062 14 0		
			In Cash	286 15 11		
				3,18,349 13 11		
			In Cash deposited in 1899-1900	10 0 0		
						3,18,359 13 11
	Rs...	3,37,679 6 1			Rs...	3,37,679 6 1

Dr. *Cr.*

4.—*School Building Fund.*

	Rs. a. p.			Rs. a. p.	Rs. a. p.
To		By			
Balance on 1st April 1898	50,977 6 1	Investments deposited at the Bank of Bombay—			
Realizations of net interest during 1898-99	1,743 10 11	Between 31st March 1897 and 12th Jan. 1899.	In 3½% Government Paper for Rs. 36,000 at 103⅜% ...	37,350 0 0	a
			„ „ „ „ 10,000 at 99⅝% ...	9,962 8 0	
			„ „ „ „ 1,000 at par ...	1,000 0 0	
			„ „ „ „ 500 at 105 1/16% ...	526 9 0	
			„ „ „ „ 1,000 at 103⅜% ...	1,037 8 0	
			„ „ „ „ 1,100 at 99 % ...	1,089 0 0	
			„ „ „ „ 900 at 94⅜% ...	853 14 0	
			„ „ „ „ 900 at 94¾% ...	852 12 0	
			Rs. 51,400	52,672 3 0	
		In Cash		48 14 0	
					52,721 1 0
	52,721 1 0				52,721 1 0

a These formed part of investments made on 20th March 1890, 2nd and 13th July 1894 and 14th January 1896 on account of Surplus Cash, &c., Deposit Accounts, and were transferred to this account on 31st March 1897 and 3rd June 1897.

COMPARISON OF ASSETS AND LIABILITIES.

46. It will be seen from the figures given below that the Assets as *Statement No. 5* exceed the Liabilities as per *Statement No. 4* by over one krore and a half :—

Assets per Statement No. 5.

	Rs.	a.	p.
Cash balance—Advances and investments ...	62,30,469	0	2
Reserve stock	8,75,554	7	10
Buildings and other properties	63,32,241	4	0
Overbridges, Roads, Drainage, Water and other works executed out of Loan, &c., Funds ...	4,54,03,366	11	4
Total Assets Rs. ...	5,88,41,631	7	4
Liabilities per *Statement No. 4*	4,38,08,328	7	2
Excess of Assets over Liabilities Rs. ...	1,50,33,303	0	2

The valuation of " buildings and other properties" is under revision by the Executive Engineer's Department and when revised detailed lists, duly certified by the Heads of Departments concerned, are received, the necessary adjustments will be made in the Municipal Accounts.

As sanctioned in Corporation's Resolution No. 11308 of the 9th March 1899, a complete verification and revaluation of all the reserve stock articles will be made by this office and the result reported to the Corporation, when the verification and revaluation is duly completed.

WATER WORKS ACCOUNT.

47. As usual the *Appendices Nos. 6 and 7* exhibit the Income and Expenditure, and the Assets and Liabilities respectively of the Water Works Department, as required by Resolution No. 10625 of the 22nd December 1891 of the Standing Committee.

From *Appendix No. 6*, it will be seen that the Expenditure exceeded the Income in 1898-99 by Rs. 78,143-11-4.

Appendix No. 7 shows that the Assets exceed the Liabilities by Rs. 40,72,397-12-4 as shown below :—

	Rs.	a.	p.
Assets	2,80,94,086	4	8
Liabilities	2,40,21,688	8	4
Excess of Assets over Liabilities...Rs.	40,72,397	12	4

This excess of Assets has been partly secured by a surplus Water Works revenue up to 1898-99 of Rs. 12,97,586-8-0 and the balance of Rs. 27,74,811-4-4 has been met from the Municipal general revenues.

STORES.

48. The reserve stock at 28th February 1899 stood at Rs. 8,75,554-7-10 as compared with Rs. 9,03,586-11-9 at 28th February 1898, thus showing a decrease of Rs. 28,032-3-11.

The distribution of this stock between the various departments of the Municipality at the close of 1897-98 and 1898-99 was as follows :—

Departments.	1897-98.	1898-99.
	Rs. a. p.	Rs. a. p.
General Stores	66,503 9 4	48,124 7 3
Water Works	4,22,605 10 3	4,14,541 10 11
Drainage	3,92,659 4 11	3,95,467 9 9
Executive Engineer	22,418 3 3	17,420 11 11
Rs. ...	9,03,586 11 9	8,75,554 7 10

The reduction in the Stocks at the Paltan Road and Water Works Stores was principally due to the transfer of certain flap-pipes from the former stores to the Drainage Stock and to the issues of disinfectants from the Paltan Road Stores and cast-iron pipes, &c., from the Water Works Stock.

The Drainage stock would also have been reduced by about Rs. 9,000, had not 9″ and 6″ flap pipes of the value of Rs. 12,273-12-10 been transferred from Paltan Road Stores to the Bellasis Bridge Pipe Depôt, as those articles are required by the Drainage Department.

The value of the stock in charge of the Executive Engineer was reduced by Rs. 4,997-7-4 owing to the balance of Kerosine oil remaining on 28th February 1899 out of the stock purchased for Street Lighting being less than that in the preceding year.

The subjoined statement shows the principal articles held in stock at the Paltan Road Stores. The total purchases received at this depôt during the year aggregated Rs. 1,28,385-13-2 and the total issues were Rs. 1,47,391-2-5.

LIST of Principal Articles in the Municipal Stores at Paltan Road on 1st March 1899.

Description of Articles.	Balance on 1st March 1897.		Balance on 1st March 1898.		Balance on 1st March 1899.	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
Brass tubes ... ... cwts.	11-0-0	885 9 5	11-1-3	893 6 10	11-3-0¼	912 9 1
Cresole, phenyle, and sanitary fluid... ... ... gals.	614	2,576 8 0	681	933 12 4	.....	.....
Coal ... ... tons.	.....	.....	223-5-0	2,604 0 8	.....	.....
Gun-metal scrap ... ... cwts.	.....	.....	15-2-20	468 5 9	59-1-14	1,770 7 11
Hose canvas ... ... r.ft.	321	202 1 6	2,687	1,256 13 3	1,991	785 9 0
Iron plate ... ... cwts.	265-3-8	1,733 5 9	400-3-13	2,899 9 10	123-2-0	493 1 10
Disinfecting carbolic acid ... ... gals.	2,114	7,361 8 0	1,433	354 8 0	167½	187 4 0
Do. do. do. powder ... ... boxes.	.....	.....	277	Free of charge.	126	1,491 9 10
Do. Sanitas powder ... ... casks.	181	4,972 11 3	317	5,681 15 0	.....	.....
Earthenware pipes of sorts ... ... Nos.	14,713	41,239 7 0	14,618	40,824 2 4	11,563	28,030 0 7
Steel bars ... ... cwts.	136-3-23	1,494 2 8	122-2-25	1,168 15 6	154-3-5	1,402 8 2
Tin blocks ... ... ,,	.....	.....	3-3-3	51 8 8	0-1-0	13 1 6
Timber, Calicut logs .. .. c. ft.	.....	.....	1317668"	195 7 9	95	187 5 6
Do. babool wood ... ... candies.	23-3-0	399 6 0	16-3-10	280 13 1	.....	.....
Pipes, bends, couplings, flanges, iron ... ... Nos.	.....	.....	237	89 4 9	260	80 8 3
Bolts and nuts, iron ... ... cwts.	73-0-10	864 3 2	61-2-26	399 13 3	48-1-23	125 2 4
Rivets, iron ... ... ,,	47-2-16	674 12 2	30-0-13	435 9 3	24-3-23	369 10 4
Nuts, iron ... ... ,,	13-3-19	189 8 2	9-3-24	77 9 7	11-3-8	101 12 2
Ventilators, cast-iron ... ... Nos.	70	350 0 0	70	350 0 0	70	350 0 0
Screws, iron, galvanised ... ... cwts.	8-0-0	306 15 2	8-0-22	307 6 8	8-0-20	306 3 7
Iron bar of sorts ... ... ,,	168-3-27	2,161 10 5	400-3-13	2,899 9 10	910-2-5	6,089 10 4
Rails, iron ... ... ,,	.....	.....	.....	2,610 8 0	.....	.....
Posts, cast-iron ... ... ,,	73-1-20	367 2 3	73-1-20	367 2 3	73-1-20	367 2 3
Total...Rs.		65,771 14 11		65,140 6 7		43,013 10 9

Under this Office No. 7361, dated 10th January 1899, sanction has been asked to write off Rs. 28,331-13-4, on account of the value of certain old pipes, which have remained useless at the stores for a number of years. When this has been done, and when some other articles which have also been in stock for a long period and for which there is no apparent use are disposed of, the balance at the Paltan Road stores will be reduced to a minimum.

WORKSHOPS.

49. The subjoined table contrasts the Opening and Closing Balances, and the Receipts and Disbursements of the Municipal Workshops for the year with those of the preceding year :—

	1897-98.			1898-99.		
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	
To Balance of last year's account		14,061 3 3			6,967 9 1	
„ Payments—						
On account of Establishment.	45,948 14 4			44,513 13 1		
Do. Stores, &c..	76,134 13 1			77,790 15 2		
		1,22,083 11 5			1,22,304 12 3*	
„ Profit		1,151 3 4			14,083 10 6	
Total...Rs.		1,37,296 2 0			1,43,355 15 10	
By Recoveries—						
Private Works	99 4 11			306 8 0		
Departmental Works.	1,30,224 4 0			1,31,298 2 10		
		1,30,323 8 11			*1,31,604 10 10	
„ Iron, &c., sold		5 0 0			1,238 2 2	
		1,30,328 8 11			1,22,842 13 0	
„ Outstandings—						
Private Works	7 14 6			11 12 7		
Departmental Works	723 12 3			5,177 0 0		
	731 10 9			5,188 12 7		
„ Incomplete Works—						
Departmental Works.	6,235 14 4			15,324 6 3		
		6,967 9 1			20,513 2 10	
Total...Rs.		1,37,296 2 0			1,43,355 15 10	

* Excluding annas (2) inadvertently credited to Recoveries and subsequently adjusted.

There is a slight increase of Rs. 221-0-10 in the total expenditure on labour and stores during the past year as compared with that in the preceding year.

By charging as usual 35 per cent. on the actual cost of establishment and stores on all the jobs executed in the shops, and by charging an additional 15 per cent. on private works, the Workshops realized a sum of Rs. 34,108-0-9 during the year including the hire of the pumping engine and other petty charges as detailed in the margin. Nearly $\frac{2}{3}$ths of the above sum of Rs. 34,108-0-9 were obtained on repairs to Health Department carts and $\frac{1}{6}$ths on repairs to watering, carts, Engineering Department, as will be seen from the following details :—

	Rs.	a.	p.
35 per cent. Charges	33,858	13	9
15 ,, ,, ...	81	10	11
Hire of Pumping engine	157	8	1
Allowance to Workshops on account of Stationery, &c., for working Garlick Incinerator	60	0	0
Total Rs.	34,108	0	9

Nature of work done.	Actuals.			Amount charged, including 35 per cent. & 15 per cent.			Amount of percentage charged over the actuals.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Private works	158	8	3	242	15	8	86	7	5
Departmental works	85,561	5	4	1,19,682	14	8	34,021	9	4
Total..Rs	85,719	13	7	1,19,925	14	4	34,108	0	9
Repairs to scavengering, drain and hand carts	20,134	9	10	27,181	12	5	7,047	2	7
Do. night-soil carts	6,727	3	6	9,081	12	2	2,354	8	8
Total repairs to Health Department carts..	26,861	13	4	36,263	8	7	9,401	11	3
Repairs to watering carts	6,214	13	7	8,389	0	8	2,175	3	1
Total..Rs	33,076	10	11	44,653	9	3	11,576	14	4

Adding to the above surplus of Rs. 34,108-0-9 derived by the percentage charged for covering shops, supervision, repairs, &c., charges, Rs. 1,238-2-2 obtained by the sale of unserviceable stores, &c., the gross earnings of the shops during the year amounted to Rs. 35,346-2-11, from which the following establishment, shop, supervision, repairs, &c., charges, amounting to Rs. 21,262-8-5, were defrayed, thus leaving a net profit of Rs. 14,083-10-6 :—

	Rs.	a.	p.
Supervising Establishment	8,062	9	9
Stores Establishment	960	0	0
Shop Charges	11,886	10	3
Repairs Charges	353	4	5
Rs.	21,262	8	5

The above large profit is due to the rent amounting to Rs. 7,062 for 1897-98, claimed by Government in respect of the ground occupied by the Workshops not having been paid during the year under report pending the settlement of the dispute with Government, and to a reduction in the amount of shop charges consequent on the new engine purchased in 1897.

The Workshops outstandings on account of completed works for the past year amounted to Rs. 5,188-12-7 against Rs. 731-10-9 in the preceding year, due to certain bills against the Health Department having remained unadjusted. The outstandings on account of incomplete works amounted to Rs. 15,324-6-3, against Rs. 6,235-14-4 at the close of 1897-98. The total outstandings thus amounted to Rs. 20,513-2-10, or Rs. 13,545-9-9 more than in the preceding year. The incomplete jobs comprised the following:—

	Rs.	a.	p.
(1) Making 137 Scavengering Carts	2,422	3	6
(2) Renewing C. I. railings of Municipal Offices	9	7	9
(3) Making and fixing shred lifters at Love Grove	3,097	13	0
(4) Making 8 sluice gates for Worli	3,717	5	6
(5) Making Fence for Municipal Railway between Coorla and Chimboor	6,077	8	6
Total...	Rs. 15,324	6	3

RAISING OF LOANS.

50. As was the case in the preceding year, this Municipality did not succeed during the year under report in raising the permanent Loans required by them.

The original intentions of the Municipality were to raise, during the year, Loans aggregating Rs. 63¼ lakhs. Having in view the unfavourable conditions then prevailing, these intentions were modified and it was decided in the Corporation's Resolution No. 4682, dated 17th August 1898, to raise Loans for Capital Expenditure to the extent of Rs. 49 lakhs only as under:—

2nd and final instalment of the 15¾ lakhs Loan ...	Rs. 5¾ lakhs.
1st Instalment of the 25 lakhs Loan	„ 18 „
1st Instalment of the 13¼ lakhs Loan	„ 5¼ „
	Rs. 29 lakhs.
Permanent Plague Loan	„ 20 „
	Total Rs. 49 lakhs.

Tenders returnable on 8th September 1898 were in the first instance invited for the Loans aggregating Rs. 29 lakhs, but owing to the then unfavourable state of the money market, the result was most unsatisfactory, as, in response to the advertisement very few tenders for insignificant amounts were received.

The temporary Loans of Rs. 35 lakhs taken up from the Bank of Bombay in 1897-98, the last instalment of which was received on 1st July 1898, became due on 31st August 1898, but owing to the inability to raise the required Loans, this Municipality were not in a position to liquidate the debt. Negotiations had, therefore, to be opened with the Bank for the renewal of the Loans, and after some correspondence, the Bank agreed to the renewal of the Loans on the following terms:—

(1) That the rate of interest on the Loans of Rs. 35 lakhs shall be one per cent. below the Bank's current rate for demand Loans on the security of Government Paper, subject to a minimum rate of 4 per cent. per annum.

(2) That no portion of the above Loans shall be repaid before 30th September 1899.

(3) That the security for the above Loans be given in Municipal Debentures.

(4) That the interest on the Loans shall be paid half-yearly.

The last condition was a new one enforced by the Bank.

The renewal of the 35 lakhs Loans with the Bank of Bombay was sanctioned under Government Resolution No. 6937, dated 19th December 1898, General Department.

As out of the 5 per cent. long term debentures for Rs. 15 lakhs pledged with the Bank, debentures for Rs. 2,20,000 were required by the Municipality for the investment of the Sinking Fund of different Loans, arrangements were made with the Bank for their delivery to the Municipality on the issue to the Bank of fresh short term debentures of an equal amount in lieu thereof. Accordingly fresh short term debentures for Rs. 22,20,000 (including Rs. 20 lakhs for the Plague Loan) were issued to the Bank in the form approved by Government under their Resolution No. 1334, dated 20th March 1899, General Department.

The Bank's rates during 1898-99 were as under :—

Between	1st April and 4th May 1898	... 13	per cent.
,,	5th May and 15th June 1898	... 12	,,
,,	16th June and 22nd June 1898 ...	... 10	,,
,,	23rd and 29th June 1898	... 9	,,
,,	30th June and 13th July 1898... ...	... 8	,,
,,	14th and 20th July 1898	... 7	,,
,,	21st July and 27th July 1898	... 5	,,
,,	28th July and 14th December 1898 ...	... 4	,,
,,	15th December and 27th December 1898	... 5	,,
,,	28th December 1898 and 11th January 1899 ...	6	,,
,,	12th January and 27th February 1899...	... 7	,,
,,	28th February and 31st March 1899 ...	... 7	,,

As funds were required for Loan Works and plague expenditure, it was a matter of great anxiety to the Municipality. The Bank of Bombay having declined to grant a further Loan, negotiations were being made with one of the exchange banks to advance the necessary Funds, but in the meantime an appeal made to Government for pecuniary assistance to the Municipality met with their favourable consideration. A provisional grant of Rs. 10 lakhs for plague expenditure was sanctioned by Government and this was drawn by the Municipality during the year in two instalments. This timely aid from Government enabled the Municipality to finance the Plague and Loan Works expenditure up to the end of 1898-99. At the end of March 1899, Government were pleased to grant a further provisional grant of Rs. 4½ lakhs to the Municipality for plague expenditure.

GENERAL.

51. The sums that passed annually through the hands of the Paymaster for payments to municipal employés since 1873, the unpaid wages credited in each year to Deposit Account since 1890, and the

net unpaid time-barred wages credited to the Municipal Fund are shown in the following table :—

Year.	Sums handed over for payment to employés. Rs.	Net unpaid wages credited to Savings. Rs.	Net unpaid wages credited to Deposit Account. Rs.
1872	In this year there was no Paymaster.	2,177	.....
1873	2,40,451	3,098	.....
1874	8,50,000	4,246	.....
1875	8,56,265	3,751	.....
1876	2,62,202	3,395	.....
1877	9,43,565	4,077	.....
1878	9,84,255	9,233—4,300	.....
1879	10,35,050	3,300	.....
1880	10,18,476	3,244	.....
1881	10,14,189	3,478	.....
1882	10,27,054	3,792	.....
1st Quarter of 1883	2,69,746		
1883-84	11,32,207	3,427	.....
1884-85	12,20,854	3,021	.....
1885-86	13,01,935	4,143	.....
1886-87	12,73,988	1,129	.....
1887-88	13,09,592	4,294	.....
1888-89	13,65,572	3,741	.....
1889-90	13,97,194	1,625	3,897
1890-91	14,89,034	50	5,621
1891-92	15,68,255	2,094	1,198
1892-93	15,70,247	3,506	549
1893-94	16,27,172	*4,362	3,950
1894-95	16,60,194	3,347	1,805
1895-96	18,41,892	3,392	974
1896-97	18,54,083	5,196	21,374
1897-98	19,93,311	†12,420	14,575
1898-99	22,98,460	5,344	11,874

It will be seen that the work devolving on the Paymaster has been the heaviest performed by the paystaff since 1873. This large increase in work was a natural outcome of the plague which necessitated extra staff being employed, more especially in the Drainage and Health Departments.

52. The gross transactions of the Municipality during the year including adjustments, transfers, &c., aggregated over Rs. 356 lakhs as shown in the margin against—

Cash received	Rs.	85,54,646 7 0
„ paid	„	81,73,625 5 9
	Rs.	1,67,28,271 12 9
Adjustments	„	1,88,87,945 13 10
Total..	Rs.	3,56,06,217 10 7

Rs.	447½	lakhs in 1897-98
„	285½	„ 1896-97
„	286	„ 1895-96
„	196½	„ 1894-95
„	392½	„ 1893-94
„	315½	„ 1892-93
„	†1,573	„ 1891-92
„	514	„ 1890-91
„	883	„ 1889-90
„	503½	„ 1888-89
„	400½	„ 1887-88

* Forfeited under the Statute of Limitation.
† Including 963 lakhs on account of Water Works Assets and Liabilities transferred to the Municipal Fund, as explained at page 120 of the Administration Report for 1891-92.

53. I subjoin the usual comparison with previous years of the number of receipt and disbursement vouchers scrutinized by this office and adjusted during the year :—

Year.	No. of Receipt Vouchers.		No. of Disbursement Vouchers.		Total including Journal Vouchers.
1876	4,862	+	12,073	=	16,935
1877	5,013	+	14,410	=	19,423
1878	5,511	+	18,783	=	24,294
1879	5,626	+	26,163	=	31,789
1880	5,677	+	24,314	=	29,991
1881	5,917	+	27,030	=	32,947
15 months. 1882 + 1st Qr. of 1883	7,839	+	34,085	=	41,924
		or 33,540 proportionately for 12 months.			
1883-84	6,352	+	25,819	=	32,171
1884-85	6,942	+	32,872	=	39,814
1885-86	6,855	+	31,008	=	37,863
1886-87	7,040	+	36,966	=	44,006
1887-88	7,197	+	42,283	=	49,480
1888-89	6,527	+	42,989	=	49,516
1889-90	6,358	+	36,468	=	42,826
1890-91	15,329	+	44,022	=	59,351
1891-92	20,093	+	43,918	=	64,011
1892-93	20,552	+	44,460	=	65,012
1893-94	21,957	+	45,653	=	67,610
1894-95	23,198	+	43,204	=	66,402
1895-96	24,407	+	46,243	=	70,650
1896-97	21,336	+	50,327	=	71,663
1897-98	22,217	+	53,907	=	76,124
1898-99	22,039	+	57,798	=	79,837

It will be seen from the above figures that the number of vouchers scrutinized by this office during the year under report was more than double the number received in 1884-85 and that the audit work goes on increasing year by year.

As compared with 1897-98 the number of inward and outward letters was as follows :—

	1897-98.	1898-99.
Inward letters ... ... (exclusive of Vouchers & remittance reports.)	20,362	22,545
Outward letters ... . (exclusive of intimations sent to Contractors, &c.)	6,117	10,433

The number of outward letters shows an increase of 70 % over that for 1897-98 and of 112 % over that for 1893-94.

54. In conclusion, I would state that Mr. Waite was the Chief Accountant throughout the year under review, and that he having gone on leave, the writing of this report has devolved on me. Mr. Ruttonji Furdoonji Khambatta, the first Senior Audit Clerk, has assisted me in this work, and his exceptional ability and minute acquaintance with all the details of the working and accounts of the Department have been invaluable.

APPENDICES

TO THE

CHIEF ACCOUNTANT'S REPORT

FOR 1898-99.

No. 1 A.

BOMBAY 5% MUNICIPAL LOAN OF 1878 (Rs. 26,94,000).

Raised in two equal instalments on 1st November and 1st December 1878 as per Corporation's Resolution No. 1296, dated 10th September 1878, and Government Resolution No. 2951, dated 28th September 1878.
Wholly repayable on 1st January 1919.

STATEMENT showing the Amount of Interest and Principal annually payable in Bombay from December 1878.

	Principal.	Interest.	Total amount of payment on account of Interest.	Debentures repayable.		Total.
				No.	Amount.	
	Rs.	Rs. a.	Rs.		Rs.	Rs.
Interest paid up to 31st December 1878 to the Bank of Bengal in advance	26,94,000	16,837 0	16,837	...	.....	16,837
Interest for the 1st half of 1879	26,94,000	67,350 0				
Do. 2nd do. „	26,94,000	67,350 0	1,34,700	44	In January 1880 22,000	1,56,700
Do. 1st do. 1880	26,72,000	66,800 0				
Do. 2nd do. „	26,72,000	66,800 0	1,33,600	47	In January 1881 23,500	1,57,100
Do. 1st do. 1881	26,48,500	66,212 8				
Do. 2nd do. „	26,48,500	66,212 8	1,32,425	49	In January 1882 24,500	1,56,925
Do. 1st do. 1882	26,24,000	65,600 0				
Do. 2nd do. „	26,24,000	65,600 0	1,31,200	52	In January 1883 26,000	1,57,200
Do. 1st do. 1883	25,98,000	64,950 0				
Do. 2nd do. „	25,98,000	64,950 0	1,29,900	54	In January 1884 27,000	1,56,900
Do. 1st do. 1884	25,71,000	64,275 0				
Do. 2nd do. „	25,71,000	64,275 0	1,28,550	57	In January 1885 28,500	1,57,050
Do. 1st do. 1885	25,42,500	63,562 8				
Do. 2nd do. „	25,42,500	63,562 8	1,27,125	60	In January 1886 30,000	1,57,125
Do. 1st do. 1886	25,12,500	62,812 8				
Do. 2nd do. „	25,12,500	62,812 8	1,25,625	62	In January 1887 31,000	1,56,625

Interest for the 1st half of 1887		24,81,500	62,037 8					
Do.	2nd do. „	24,81,500	62,037 8					
Do.	1st do. 1888	24,48,500	61,212 8	1,24,075	66	In January 1888	1,57,075	
Do.	2nd do. „	24,48,500	61,212 8			33,000		
Do.	1st do. 1889	24,13,500	60,337 8	1,22,425	70	In January 1889	1,57,425	
Do.	2nd do. „	24,13,500	60,337 8			35,000		
Do.	1st do. 1890	23,77,500	59,437 8	1,20,675	72	In January 1890	1,56,675	
Do.	2nd do. „	23,77,500	59,437 8			36,000		
Do.	1st do. 1891	23,39,500	58,487 8	1,18,875	76	In January 1891	1.56.875	
Do.	2nd do. „	23,39,500	58,487 8			38,000		
Do.	1st do. 1892	22,99,000	57,475 0	1,16,975	81	In January 1892	1,57,475	
Do.	2nd do. „	22,99,000	57,475 0			40,500		
Do.	1st do. 1893	22,57,000	56,425 0	1,14,950	84	In January 1893	1,56,950	
Do.	2nd do. „	22,57,000	56,425 0			† 42,000		
Do.	1st do. 1894	22,13,000	55,325 0	1,12,850	88	In January 1894	1,56,850	
Do.	2nd do. „	22,13,000	55,325 0			44,000		
Do.	1st do. 1895	21,66,500	54,162 8	1,10,650	93	In January 1895	1,57,150	
Do.	2nd do. „	21,66,500	54,162 8			46,500		
Do	1st do. 1896	21,18,000	52,950 0	1,08,325	97	In January 1896	1,56,825	
Do.	2nd do. „	21,18,000	52,950 0			48,500		
Do.	1st do. 1897	20,67,000	51,675 0	1,05,900	102	In January 1897	1,56,900	
Do.	2nd do. „	20,67,000	51,675 0			51,000		
Do.	1st do. 1898	20,13,000	50,325 0	1,03,350	108	In January 1898	1,57,350	
Do.	2nd do. „	20,13,000	50,325 0			54,000		
				1,00,650	112	In January 1899	1,56,650	
						‡ 56,000		
	Balance on 31st March 1899...Rs.	19,57,000		24,19,662	1,474	7,37,000	31,56,662	

† 83 Debentures of the value of Rs. 41,500 were paid off; only one debenture, No. 810, for Rs. 500 remained unpaid, as it was not presented for repayment between 1st January 1893, the date on which it became repayable and the close of the past year.

‡ 91 Debentures of the value of Rs. 45,500 were paid off; twenty-one Debentures, bearing Nos. 1373 78, 1383 86, 1388/89, 1437/42 and 1449/51 remained unpaid, as they were not presented for repayment between 1st January 1899, the date on which they became repayable and the close of the past year.

NOTE.—Rs. 11,000 have, therefore, been renewed to meet these claims during 1899-1900 if presented by the holders.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 1 B.

BOMBAY 5% MUNICIPAL DRAINAGE LOAN OF 1878 (Rs. 26,94,000).

STATEMENT showing the Amount of Interest outstanding on 1st April 1898, the Amount payable for the year 1898-99, the Amount paid during that year, and the Balance outstanding on 31st March 1899.

	1883-87.	1888.		1889.		1893.		1894.		1895.		1896.		1897.		1898.		TOTAL.
	9th to 15th half-years due on 1st July and 1st January.	19th half-year due on 1st July 1888.	20th half-year due on 1st January 1889.	21st half-year due on 1st July 1889.	22nd half-year due on 1st January 1890.	29th half-year due on 1st July 1893.	30th half-year due on 1st January 1894.	31st half-year due on 1st July 1894.	32nd half-year due on 1st January 1895.	33rd half-year due on 1st July 1895.	34th half-year due on 1st January 1896.	35th half-year due on 1st July 1896.	36th half-year due on 1st January 1897.	37th half-year due on 1st July 1897.	38th half-year due on 1st January 1898.	39th half-year due on 1st July 1898.	40th half-year due on 1st January 1899.	
	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs.	Rs.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs.	Rs. a.	Rs.	Rs. a.
Outstanding Balance on 1st April 1898 as per Bank's statement	137 8	12 8	12 8	12 8	12 8	..	337 8	350	375	900	1,400 0	1,525	1,500 0	3,500	12,825	....	....	23,412 8
Interest payable for the year 1898-99 ..	....	....	....	....	....	..	....	....	.....	....	..	....	....	....	....	50,325 0	50,325	1,00,650 0
Total Rs...	137 8	12 8	12 8	12 8	12 8	..	337 9	350	375	900	1,400 0	1,525	1,500 0	3,500	12,825	50,325 0	50,325	1,24,062 8
Payment made in 1898-99 by the Bank of Bombay...	125 0	12 8	12 8	12 8	12 8	..	12 8	25	400	425	437 8	475	662 8	2,325	10,550	49,462 8	23,350	1,01,300 0
Balance outstanding on 31st March 1899.	12 8	....	....	....	....	..	325 0	325	475	475	962 8	1,050	837 8	1,175	2,275	862 8	10,975	22,762 8

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 1 C.

BOMBAY 5 % MUNICIPAL SANITARY WORKS LOAN OF 1885-86 (Rs. 44,00.000).

Raised between 5th May 1885 *and 30th March* 1886 *as per Corporation's Resolutions Nos.* 9021/8-12-81, 905/22-3-82 *and* 438/16-5-83, *and Government Resolutions Nos.* 2669/17-7-82, 284/2-2-83, 3771/19-10-83, 460/4-2-84 *and* 1240/27-4-85. *Wholly repayable on 1st July* 1925.

STATEMENT showing the Amount of Interest and Principal annually payable in Bombay from May 1885.

	Principal.	Interest.	Total amount of payment on account of Interest.	Debentures repayable. No.	Debentures repayable. Amount.	TOTAL.
	Rs.	Rs. a. p.	Rs. a. p.		Rs.	Rs. a. p.
Interest from 5th May to 30th June 1885 on Rs. 1,56,000 raised in *May and June 1885*	.....	734 9 10				
Interest for the 2nd half of 1885	44,00,000	1,10,000 0 0	1,10,734 9 10	.....	.....*	1,10,734 9 10
Do. 1st half of 1886	44,00,000	1,10,000 0 0				
Do. 2nd do. ,, ...	43,93,000	1,09,825 0 0	2,19,825 0 0	14	1st July 1886 7,000*	2,26,825 0 0
Do. 1st do. 1887	43,93,000	1,09,825 0 0				
Do. 2nd do. ,, ...	39,50,000	98,750 0 0	2,08,575 0 0	886	1st July 1887 4,43,000*	6,51,575 0 0
Do. 1st do. 1888	39,50,000	98,750 0 0				
Do. 2nd do. ,, ...	39,50,000	98,750 0 0	1,97,500 0 0	.....	.....*	1,97,500 0 0
Do. 1st do. 1889	39,50,000	98,750 0 0				
Do. 2nd do. ,, ...	39,50,000	98,750 0 0	1,97,500 0 0	.....	.....*	1,97,500 0 0
Do. 1st do. 1890	39,50,000	98,750 0 0				
Do. 2nd do. ,, ...	38,99,000	97,475 0 0	1,96,225 0 0	102	1st July 1890 51,000*	2,47,225 0 0
Do. 1st do. 1891	38,99,000	97,475 0 0				
Do. 2nd do. ,, ...	38,99,000	97,475 0 0	1,94,950 0 0	.....	.....*	1,94,950 0 0
Do. 1st do. 1892	38,99,000	97,475 0 0				
Do. 2nd do. ,, ...	38,99,000	97,475 0 0	1,94,950 0 0	.....	.....*	1,94,950 0 0
Do. 1st do. 1893	38,99,000	97,475 0 0				
Do. 2nd do. ,, ...	38,99,000	97,475 0 0	1,94,950 0 0	.....	.....*	1,94,950 0 0
Do. 1st do. 1894	38,99,000	97,475 0 0				
Do. 2nd do. ,, ...	38,99,000	97,475 0 0	1,94,950 0 0	.....	.....*	1,94,950 0 0
Do. 1st do. 1895	38,99,000	97,475 0 0				
Do. 2nd do. ,, ...	37,99,000	93,475 0 0	1,90,950 0 0	320	1st July 1895 1,60,000*	3,50,950 0 0
Do. 1st do. 1896	37,99,000	93,475 0 0				
Do. 2nd do. ,, ...	37,99,000	93,475 0 0	1,86,950 0 0	.....	.....*	1,86,950 0 0
Do. 1st do. 1897	37,99,000	93,475 0 0				
Do. 2nd do. ,, ...	37,99,000	93,475 0 0	1,86,950 0 0	.....	.....*	1,86,950 0 0
Do. 1st do. 1898	37,99,000	93,475 0 0				
Do. 2nd do. ,, ...	37,99,000	93,475 0 0	1,86,950 0 0	.....	.....*	1,86,950 0 0
Balance on 31st March 1899.....Rs.	37,99,000		26,61,959 9 10	1,322	6,61,000	33,22,959 9 10

* The Sinking Fund up to 1898-99 on account of this Loan, amounting to Rs. 6,17,947-15-3, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 137.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 1 D.

BOMBAY 5 % MUNICIPAL SANITARY WORKS LOAN OF 1885-86 (Rs. 44,00,000).

STATEMENT showing the Amount of Interest outstanding on 1st April 1898, the Amount payable for the year 1898-99, the Amount paid during that year, and the Balance outstanding on 31st March 1899.

	1889.	1890.		1891.		1892.		1893.		1894.		1895.		1896.		1897.		1898.		TOTAL.
	9th half-year due on 1st January 1890.	10th half-year due on 1st July 1890.	11th half-year due on 1st Jan. 1891.	12th half-year due on 1st July 1891.	13th half-year due on 1st Jan. 1892.	14th half-year due on 1st July 1892.	15th half-year due on 1st Jan. 1893.	16th half-year due on 1st July 1893.	17th half-year due on 1st Jan. 1894.	18th half-year due on 1st July 1894.	19th half-year due on 1st Jan. 1895.	20th half-year due on 1st July 1895.	21st half-year due on 1st Jan. 1896.	22nd half-year due on 1st July 1896.	23rd half-year due on 1st Jan. 1897.	24th half-year due on 1st July 1897.	25th half-year due on 1st Jan. 1898.	26th half-year due on 1st July 1898.	27th half-year due on 1st Jan. 1899.	
	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.
Outstanding Balance on 1st April 1898 as per Bank's statement	12 8	12 8	25 0	25 0	25 0	62 8	112 8	125 0	287 8	500 0	625 0	675 0	1,837 8	2,087 8	3,212 8	4,625 0	13,612 8	....	....	27,862 8
Interest payable for the year 1898-99	..	..	..	..	..	..	..	..	..	..	....	....	....	....	....	....	....	93,475 0	93,475 0	1,86,950 0
Total..Rs.	12 8	12 8	25 0	25 0	25 0	62 8	112 8	125 0	287 8	500 0	625 0	675 0	1,837 8	2,087 8	3,212 8	4,625 0	13,612 8	93,475 0	93,475 0	2,14,812 8
Payment made in 1898-99 by the Bank of Bombay..	..	..	12 8	12 8	12 8	25 0	25 0	37 8	37 8	37 8	62 8	112 8	1,125 0	1,325 0	2,337 8	2,987 8	11,025 0	89,737 8	81,987 8	1,90,950 0
Outstanding Balance on 31st March 1899	12 8	12 8	12 8	12 8	12 8	37 8	87 8	87 8	250 0	462 8	562 8	562 8	712 8	762 8	875 0	1,637 8	2,587 8	3,737 8	11,487 8	23,862 8

W. PEARSON,
Acting Chief Accountant,

W. L. HARVEY,
Municipal Commissioner.

No. 1 E.

BOMBAY 5% MUNICIPAL DRAINAGE AND WATER WORKS LOAN OF 12 LAKHS.*

Raised in two equal instalments on 1st January and 1st July 1888 *as per Corporation's Resolutions Nos.* 894 *and* 1145, *dated* 28*th July and* 8*th September* 1887, *respectively, and Government Resolution No.* 873, *dated* 16*th March* 1888.
Repayable on 1st January 1928.

STATEMENT showing the Amount of Interest outstanding on 1st April 1898, the Amount payable for the year 1898-99, the Amount paid during that year, and the Balance outstanding on 31st March 1899.

	1894.		1895.		1896.		1897.		1898.		Total.
	13th Half-year due on 1st July 1894.	14th Half-year due on 1st Jan. 1895.	15th Half-year due on 1st July 1895.	16th Half-year due on 1st Jan. 1896.	17th Half-year due on 1st July 1896.	18th Half-year due on 1st Jan. 1897.	19th Half-year due on 1st July 1897.	20th Half year due on 1st Jan. 1898.	21st Half-year due on 1st July 1898.	22nd Half-year due on 1st Jan. 1899.	
	Rs. a.	Rs. a.	Rs.	Rs.	Rs..	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs	Rs.
Outstanding Balance on 1st April 1898 as per Bank's statement...	87 8	87 8	100	100	125	162 8	275	12,137 8	.....	.....	13,075
Interest payable for the year 1898-99	.....	.....	.....	.....	.....	.....	.....	.....	30,000 0	30,000	60,000
Total...Rs.	87 8	87 8	100	100	125	162 8	275	12,137 8	30,000 0	30,000	73,075
Payment made in 1898-99 by the Bank of Bombay	.....	.....	.....	.....	.....	37 8	150	11,950 0	29,762 8	16,500	58,400
Balance outstanding on 31st March 1899	87 8	87 8	100	100	125	125 0	125	187 8	237 8	13,500	14,675

* The Sinking Fund up to 1898-99 on account of this Loan, amounting to Rs. 1,54,225-15-1, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 137.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 1 F.

BOMBAY 5% MUNICIPAL SANITARY WORKS LOAN OF 1888 (Rs. 7,00,000).*

Raised on 1st February 1888 *as per Corporation's Resolution No.* 991, *dated 13th October* 1886, *and Government Resolution No.* 1427, *dated 4th May* 1888.

Repayable on the 1st February 1928.

STATEMENT showing the Amount of Interest outstanding on 1st April 1898, the Amount payable for the year 1898-99, the Amount paid during that year, and the Balance outstanding on 31st March 1899.

	1894.		1895.		1896.		1897.		1898.		Total.
	13th Half-year due on 1st Aug. 1894.	14th Half-year due on 1st Feb. 1895.	15th Half-year due on 1st Aug. 1895.	16th Half-year due on 1st Feb. 1896.	17th Half-year due on 1st Aug. 1896.	18th Half-year due on 1st Feb. 1897.	19th Half-year due on 1st Aug. 1897.	20th Half-year due on 1st Feb. 1898.	21st Half-year due on 1st Aug. 1898.	22nd Half-year due on 1st Feb. 1899.	
	Rs.	Rs. a.	Rs. a	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
Outstanding Balance on 1st April 1898 as per Bank's statement	1,000	1,012 8	1,012 8	1,187 8	1,200 0	1,200 0	1,875 0	5,675	.....	.....	14,162 8
Interest payable for the year 1898-99	...	...	...	...	...	.....	.....	.....	17,500 0	17,500	35,000 0
Total...Rs.	1,000	1,012 8	1,012 8	1,187 8	1,200 0	1,200 0	1,875 0	5,675	17,500 0	17,500	49,162 8
Payment made in 1898-99 by the Bank of Bombay	1,000	1,012 8	1,012 8	1,012 8	1,012 8	1,012 8	1,662 8	5,175	16,962 8	18,575	43,437 8
Balance outstanding on 31st March 1899 ... ... Rs.	...	...	..	175 0	187 8	187 8	212 8	500	537 8	3,925	5,725 0

* The Sinking Fund up to 1898-99 on account of this Loan, amounting to Rs. 84,351-15-7, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 137.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 1 G.

BOMBAY 5 °/₀ MUNICIPAL TANSA LOAN OF Rs. 147 LAKHS.*

† *Raised between 5th June* 1886 *and 24th December* 1891 *as per Corporation's Resolutions Nos.* $\frac{561}{12-2-86}$, $\frac{1008}{16-3-86}$, $\frac{1930}{31-5-86}$, $\frac{2876}{21-9-87}$, $\frac{3978}{21-7-88}$, $\frac{4193}{8-10-89}$ *and* $\frac{3392}{23-8-90}$ *and* $\frac{5282-83}{15-9-91}$.

Repayable between 1st January 1928 *and 1st January* 1953.

STATEMENT showing the Amount of Interest outstanding on 1st April 1893, the Amount payable for the year 1898-99, the Amount paid during that year, and the Balance outstanding on 31st March 1899.

	1891.	1892.		1893.		1894.		1895.		1896.		1897.		1898.		TOTAL.
	11th half-year due on 1st October 1891.	12th half-year due on 1st April 1892.	13th half-year due on 1st October 1892.	14th half-year due on 1st April 1893.	15th half-year due on 1st October 1893.	16th half-year due on 1st April 1894.	17th half-year due on 1st October 1894.	18th half-year due on 1st April 1895.	19th half-year due on 1st October 1895.	20th half-year due on 1st April 1896.	21st half-year due on 1st October 1896.	22nd half-year due on 1st April 1897.	23rd half-year due on 1st October 1897.	24th half-year due on 1st April 1898.	25th half-year due on 1st October 1898.	
	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs. a.
Outstanding Balance on 1st April 1898 as per Bank's statement ..	12 8	62 8	437 8	712 8	787 8	1,050 0	1,250 0	2,275 0	2,700 0	3,212 8	4,462 8	6,725	42,375 0	....	....	66,062 8
Interest payable for the year 1898-99	..	..	..	..	..	..	....	....	....	..	....	....	....	3,67,500 0	3,67,500 0	7,35,000 0
Total ..Rs.	12 8	62 8	437 8	712 8	787 8	1,050 0	1,250 0	2,275 0	2,700 0	3,212 8	4,462 8	6,725	42,375 0	3,67,500 0	3,67,500 0	8,01,062 8
Payment made in 1898-99 by the Bank of Bombay	..	50 0	425 0	462 8	487 8	587 8	712 8	837 8	1,162 8	1,875 0	2,237 8	3,775	35,812 8	3,59,087 8	3,22,362 8	7,29,375 0
Balance outstanding on 31st March 1899 .. .. Rs.	12 8	12 8	12 8	250 0	300 0	462 8	537 8	1,437 8	1,537 8	1,637 8	2,225 0	2,950	6,562 8	8,412 8	45,137 8	71,687 8

* The Sinking Fund up to 1898-99 on account of this Loan, amounting to Rs. 3,44,622-13-9, including Interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 157.

† 1st Instalment of Rs. 17 lakhs raised between 5th June and 25th October 1886.
2nd do. „ 30 do. 10th August and 30th December 1887.
3rd do. „ 25 do. 11th January and 15th November 1888.
4th do. „ 25 do. 2nd November 1889 and 15th January 1890.
5th do. „ 25 do. 29th August and 24th September 1890.
6th do. „ 25 do. on 24th December 1891.

Rs. 147 lakhs.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 1 H.

BOMBAY 5% MUNICIPAL LOAN OF Rs. 10,08,500*
FOR MISCELLANEOUS WORKS.
(Drainage, Water Works, Markets and Roads.)

Raised between 1st November 1888 *and 1st July* 1889 *as per Corporation's Resolution No.* 29, *dated 4th April* 1888, *and Government Resolution No.* 4138, *dated 24th November* 1888.

Repayable on 1st October 1928.

STATEMENT showing the Amount of Interest outstanding on 1st April 1898, the Amount payable for the year 1898-99, the Amount paid during that year, and the Balance outstanding on 31st March 1899.

	1897.	1898.		Total.
	17th Half-year due on 1st October 1897.	18th Half-year due on 1st April 1898.	19th Half-year due on 1st October 1898.	
	Rs. a.	Rs. a.	Rs. a.	Rs. a.
Outstanding Balance on 1st April 1898 as per Bank's statement	3,962 8	.....	.....	3,962 8
Interest payable for the year 1898-99	.....	25,212 8	25,212 8	50,425 0
Total ...Rs.	3,962 8	25,212 8	25,212 8	54,387 8
Payment made in 1898-99 by the Bank of Bombay	3,962 8	25,212 8	21,212 8	50,387 8
Balance outstanding on 31st March 1899 ... ...Rs.	.....	.....	4,000 0	4,000 0

* The Sinking Fund up to 1898-99 on account of this Loan, amounting to Rs. 1,08,852-2-4, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 137.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 11.

BOMBAY 5% MUNICIPAL AGRIPADA HOUSE SULLAGE WATER CONNECTIONS LOAN OF Rs. 2,48,000.*

Raised between 1st January and 1st July 1890, *as per Corporation's Resolution No.* 4688, *dated 8th October* 1888, *and Government Resolution No.* 17, *dated 3rd January* 1890.

Repayable on 1st July 1929.

STATEMENT showing the Amount of Interest outstanding on 1st April 1898, the Amount of Interest payable for the year 1898-99, the Amount paid during that year, and the Balance outstanding on 31st March 1899.

	1898.		
	17th Half-year due on 1st July 1898.	18th Half-year due on 1st Jan. 1899.	Total.
	Rs.	Rs.	Rs.
Interest payable for the year 1898-99	6,200	6,200	12,400
Payment made in 1898-99 by the Bank of Bombay	6,200	6,200	12,400
Balance outstanding on 31st March 1899	.....	.....	.....

* The Sinking Fund up to 1898-99 on account of this Loan, amounting to Rs. 26,360-6-5, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 137.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 1 J.

BOMBAY 5% MUNICIPAL 35 LAKHS VARIOUS SANITARY WORKS LOAN OF 1890.*

Raised between 25*th September* 1890 *and* 1*st January* 1892 *as per Corporation's Resolutions Nos.* 572/13-9-89, 5152/25-11-89, 6235/22-1-90, 433/17-4-90, *and* 1466/22-5-90 *and Government Resolution No.* 3392, *dated* 23*rd August* 1890. 29/4-4-88, 5293/19-11-88, 5805/7-1-89.

Repayable on 1*st July* 1930.

STATEMENT showing the Amount of Interest outstanding on 1st April 1898, the Amount payable for the year 1898-99, the Amount paid during that year, and the Balance outstanding on 31st March 1899.

	1893.		1894.		1895.		1896.		1897.		1898.		Total.
	5th Half-year due on 1st July 1893.	6th Half-year due on 1st January 1894.	7th Half-year due on 1st July 1894.	8th Half-year due on 1st January 1895.	9th Half-year due on 1st July 1895.	10th Half-year due on 1st January 1896.	11th Half-year due on 1st July 1896.	12th Half-year due on 1st January 1897.	13th Half-year due on 1st July 1897.	14th Half-year due on 1st January 1898.	15th Half-year due on 1st July 1898.	16th Half-year due on 1st January 1899.	
	Rs. a.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs.
Outstanding Balance on 1st April 1898, as per Bank's Statement	62 8	75	75	75	150	1,650	1,937 8	2,062 8	6,962 8	26,800 0	...	...	39,850
Interest payable for the year 1898-99	...	...	...	...	...	...	...	...	...	...	87,500	87,500 0	1,75,000
Total... Rs.	62 8	75	75	75	150	1,650	1,937 8	2,062 8	6,962 8	26,800 0	87,500	87,500 0	2,14,850
Payment made in 1898-99 by the Bank of Bombay ... Rs.	...	...	...	...	...	1,500	1,787 8	1,912 8	4,900 0	23,912 8	84,400	69,987 8	1,88,350
Balance outstanding on 31st March 1899... ...Rs.	62 8	75	75	75	150	150	150 0	150 0	2,062 8	2,887 8	3,100	17,562 8	26,500

*The Sinking Fund up to 1898-99 on account of this Loan, amounting to Rs. 2,79,140-8-11, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 137.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 1 K.

BOMBAY 5% MUNICIPAL BUILDING LOAN OF 8 LAKHS OF 1891-92.*

Raised on 24th December 1891, *as per Corporation's Resolution No.* 11551, *dated 9th February* 1891, *and Government Resolution No.* 3262, *dated 15th September* 1891.

Repayable on 1st July 1931.

STATEMENT showing the amount of Interest payable for the year 1898-99, the amount paid during that year, and the Balance outstanding on 31st March 1899.

	1898.		Total.
	13th Half-year due on 1st July 1898.	14th Half-year due on 1st Jan. 1899.	
	Rs.	Rs.	Rs.
Interest payable for the year 1898-99	20,000	20,000	40,000
Payment made in 1898-99 by the Bank of Bombay	20,000	20,000	40,000
Balance outstanding on 31st March 1899	.....	.....	.....

* The Sinking Fund up to 1898-99 on account of this Loan, amounting to Rs. 58,186-10-10, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 137.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 1 L.

BOMBAY 4% MUNICIPAL LOAN OF 4½ LAKHS FOR FIRE BRIGADE QUARTERS AND STATIONS.*

First Instalment of Rs. 2,50,000 *raised on* 23*rd December* 1892 *and second Instalment of Rs.* 2,00,000 *raised on* 30*th November and* 1*st December* 1893, *as per Corporation's Resolution No.* 5144, *dated* 8*th August* 1892, *and Government Resolution No.* 2501, *dated* 14*th June* 1892.

Repayable on 1*st January* 1923.

STATEMENT showing the amount of Interest outstanding on 1st April 1898, the amount payable for the year 1898-99, the amount paid during that year, and the Balance outstanding on 31st March 1898.

	1895.	1896.		1897.		1898.		Total.
	6th Half-year due on 1st Jan. 1896.	7th Half-year due on 1st July 1896.	8th Half-year due on 1st Jan. 1897.	9th Half-year due on 1st July 1897.	10th Half-year due on 1st Jan. 1898.	11th Half-year due on 1st July 1898.	12th Half-year due on 1st Jan. 1899.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Outstanding Balance on 1st April 1898 as per Bank's statement	80	140	190	380	1,340	...	...	2,130
Interest payable for the year 1898-99	...	...	...	...	...	9,000	9,000	18,000
Total ... Rs.	80	140	190	380	1,340	9,000	9,000	20,130
Payment made in 1898-99 by the Bank of Bombay ...	...	60	60	210	1,160	8,650	8,060	18,200
Balance outstanding on 31st March 1899 Rs.	80	80	130	170	180	350	940	1,930

* The Sinking Fund up to 1898-99 on account of this Loan, amounting to Rs. 58,595-13-9, including interest accumulations, has been deposited with the Bank of Bombay in 4 per cent. Municipal Debentures, &c.—*Vide* page 137.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 1 M.

BOMBAY 4% MUNICIPAL LOAN OF 42 LAKHS FOR REPAYMENT OF BALANCE OF GOVERNMENT CONSOLIDATED LOAN.*

Raised on 28th and 29th June 1893 *as per Corporation's Resolution No.* 13956 *of 23rd March* 1893, *and Government Resolution No.* 1989 *of 6th June* 1893 (*General Department*).
Repayable on 1st July 1923.

STATEMENT showing the amount of interest outstanding on 1st April 1898, the amount payable for the year 1898-99, the amount paid during that year, and the balance outstanding on 31st March 1899.

	1893.	1894.		1895.		1896.		1897.		1898.		Total.
	1st Half-year due on 1st January 1894.	2nd Half-year due on 1st July 1894.	3rd Half-year due on 1st January 1895.	4th Half-year due on 1st July 1895.	5th Half-year due on 1st January 1896.	6th Half-year due on 1st July 1896.	7th Half-year due on 1st January 1897.	8th Half-year due on 1st July 1897.	9th Half-year due on 1st January 1898.	10th Half-year due on 1st July 1898.	11th Half-year due on 1st January 1899.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Outstanding Balance on 1st April 1898 as per Bank's statement ...	230	480	510	600	870	1,330	1,880	2,390	13,290	.....	.....	21,580
Interest payable for the year 1898-99	...	...	...	...	...	...	...	.....	.....	84,000	84,000	1,68,000
Total ... Rs.	230	480	510	600	870	1,330	1,880	2,390	13,290	84,000	84,000	1,89,580
Payment made in 1898-99 by the Bank of Bombay ... Rs.	100	200	220	220	420	800	1,120	1,600	9,920	79,020	72,110	1,65,730
Balance outstanding on 31st March 1899 ... ... Rs.	130	280	290	380	450	530	760	790	3,370	4,980	11,890	23,850

* The Sinking Fund up to 1898-99 on account of this Loan, amounting to Rs. 4,17,035-5-4, including interest accumulations, has been deposited with the Bank of Bombay in 4 per cent. Municipal Debentures, &c.—*Vide* page 137.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 1 N.

BOMBAY 4% MUNICIPAL LOAN OF 23½ LAKHS FOR THE CONSTRUCTION OF DRAINAGE AND WATER WORKS, ROADS AND OTHER WORKS.*

1st Instalment of Rs. 13 *lakhs raised between* 12*th and* 31*st January* 1894, *and* 2*nd instalment of Rs.* 10½ *lakhs raised between* 11*th and* 15*th July* 1895, *as per Corporation's Resolution No.* 6222, *dated* 28*th September* 1893, *and Government Resolutions Nos.* $\frac{809}{3\text{-}3\text{-}94}$ *and* $\frac{3764}{8\text{-}16\text{-}94}$ (*General Department*).

Repayable on 1*st July* 1935.

STATEMENT showing the amount of interest outstanding on 1st April 1898, the amount payable for the year 1898-99, the amount paid during that year and the balance outstanding on 31st March 1899.

	1894.		1895.		1896.		1897.		1898.		Total.
	Broken period's interest due on 1st July 1894.	1st Half-year due on 1st Jan. 1895.	2nd Half-year due on 1st July 1895.	3rd Half-year due on 1st Jan. 1896.	4th Half-year due on 1st July 1896.	5th Half-year due on 1st Jan. 1897.	6th Half-year due on 1st July 1897.	7th Half-year due on 1st Jan. 1898.	8th Half-year due on 1st July 1898.	9th Half-year due on 1st Jan. 1899.	
	Rs. a. p.	Rs.	Rs.	Rs. a. p	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. a. p.
Outstanding balance on 1st April 1898 as per Bank's statement ...	83 13 10	100	110	289 9 1	620	810	2,120	10,300	.....	.....	14,433 6 11
Interest payable for the year 1898-99	.....	.....	.....	.....	.....	.....	.....	.....	46,500	46,500	93,000 0 0
Total Rs. ...	83 13 10	100	110	289 9 1	620	810	2,120	10,300	46,500	46,500	1,07,433 6 11
Payment made in 1898-99 by the Bank of Bombay	74 8 3	80	80	180 0 0	420	440	1,600	9,620	45,510	35,770	93,774 8 3
Balance outstanding on 31st March 1899 ..	9 5 7	20	30	109 9 1	200	370	520	680	990	10,730	13,658 14 8

* The Sinking Fund Instalment on account of this Loan for 1898-99 amounting to Rs. 79,228-13-7 including interest accumulations has been deposited with the Bank of Bombay in 4 per cent. Municipal Debentures, &c.—*Vide* page 137.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 10.

BOMBAY MUNICIPAL LOAN OF 15¾ LAKHS FOR SEWERAGE, WARI BUNDER, &c., ROADS, BURIAL GROUND AND CERTAIN WATER WORKS.*

First Instalment of Rs. 10 *Lakhs raised on* 1*st December* 1896, *at* 3½% *interest per annum as per Corporation's Resolutions Nos.* 504/12-4-96, 13697/7-3-95 *and* 8992/7-11-95 *and Government Resolutions Nos.* 3501/22-6-95 *and* 883/22-2-96 (*General Department*).

STATEMENT showing the amount of Interest outstanding on 1st April 1898, the amount payable for the year 1898-99, the amount paid during that year, and the Balance outstanding on 31st March 1899.

	1898.		Total.
	3rd Half-year due on 1st July 1898.	4th Half-year due on 1st January 1899.	
	Rs.	Rs.	Rs.
Interest on Rs. 10,00,000 payable for the year 1898-99	17,500	17,500	35,000
Payment made in 1898-99 by the Bank of Bombay	17,500	17,500	35,000
Balance outstanding on 31st March 1899 ...	... ..	.....	.....

* The Sinking Fund up to 1898-99 on account of this Loan amounting to Rs. 38,366-11-10 as under, including interest accumulations, has been deposited with the Bank of Bombay in 3½ per cent. Government Paper and 4 per cent. Municipal and Port Trust debentures, &c.—*Vide* page 137.

1st instalment of Rs. 10 Lakhs...	Rs.	32,096	0 8
2nd Do. Rs. 5¾ do.	„	6,270	11 2
	Rs.	38,366	11 10

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

B. B. & C. I. Railway Company.																												
April	1898	28,270	0	22,087	8	0	9	3	1	12	6	74	2	18	9	0												
May	"	2,79,854	6	69,963	11	0	21	2	8	15	0	87	4	21	14	0												
June	"	1,39,995	3	84,096	18	0	28	1	5	5	0	100	2	25	1	0												
July	"	49,054	0	10,013	11	0	.....		.....			163	3	40	13	0												
August	"	26,785	2	6,698	18	0	.....		.....			163	0	40	12	0												
September	"	13,168	6	3,292	8	0	66	0	10	5	0	57	0	6	17	0												
October	"	17,078	2	4,269	9	0	.....		.....			68	0	16	7	0												
November	"	35,113	0	8,778	0	0	2	8	0	7	0	107	4	26	14	0												
December	"	88,167	4	9,541	14	0	.....		.....			240	0	41	8	0												
January	1899	60,060	0	7,015	0	0	.....		.....			189	4	34	15	0												
February	"	18,514	0	4,128	8	0	.....		.....			TR	6	19	11	0												
March	"	19,895	0	4,548	12	0	.....		.....			180	0	32	8	0												
Total..		7,42,465	4	1,80,616	6	0	(c) 116	1	(c) 21	12	0	1,305	0	325	12	0	.....	.....	61	0	0	15	8	0	91,228	16	57,014	10	0
Grand Total...		(d) 29,46,005	9	(d)7,35,222	15	3	889	7	101	2	0	10,37,305	5	2,59,330	6	6	19,78,792	0	3,649	12	0	17,05,005	0	24	5,97,702	9	9	(c) 3,80,723	0	(c)2,22,876	10	0
Deduct—																												
Refunds passed by the Revenue and Refund Audit Officer		15,56,780	0	3,72,906	0	0	88,755	3	16,060	13	0	70,122	2	17,530	13	0	6,04,872	0	1,885	10	0	15,58,931	3	14	7,78,966	15	0	60,366	14	42,844	7	0
Net Revenue....		9,89,688	9	2,62,316	15	3	.....		.....			9,67,182	3	2,41,795	9	6	13,73,920	0	1,763	2	0	1,46,073	1	10	1,20,736	10	9	2,87,358	26	1,80,032	3	0
Less—																												
Refunds passed in excess of collections		.....		.....			88,245	4	15,849	9	5	.....		.....			.....		.....			.....			.....			.....		.....		

B. B. & C. I. Railway Company.																												
April	1898	4,409	82	2,756	2	0	200	0	0	5	0	0	83	0	10	6	0	24,869	5	0
May	"	3,085	0	1,915	10	0	50	0	0	1	4	0	1,838	14	166	1	0	72,077	2	0
June	"	6,946	12	4,338	15	0	.....			.....			1,290	14	161	5	0	89,346	7	0
July	"	2,158	0	1,348	14	0	.....			.....			557	14	167	8	0	16,894	14	0
August	"	10,932	13	6,832	11	0	.....			.....			.....		212	3	0	15,446	0	0
September	"	13,574	0	8,483	12	0	580	0	0	9	8	0	1,597	14	212	12	0	8,442	5	0
October	"	8,059	4	5,036	15	0	400	0	0	2	8	0	742	6	92	12	0	2,781	8	0
November	"	5,423	20	3,389	11	0	400	0	0	10	0	0	704	0	85	8	0	12,531	4	0
December	"	6,056	4	3,360	1	0	240	0	0	6	0	0	479	0	59	14	0	15,476	8	0
January	1899	9,249	0	5,780	10	0	.....			.....			896	0	112	0	0	14,475	8	0
February	"	10,389	29	6,680	16	0	.....			.....			1,946	14	243	5	0	8,138	0	0
March	"	8,906	0	5,566	10	0	.....			.....			567	14	70	15	0	8,738	2	0
Total..		91,228	16	57,014	10	0	1,870	0	0	54	4	0	11,374	0	1,449	4	0	2,44,477	8	0
Grand Total...		(c) 3,80,723	0	(c)2,22,876	10	0	55,51,120	12	4	1,38,778	0	4	6,42,661	21	67,632	11	6	22,55,040	4	10
Deduct—																				
Refunds passed by the Revenue and Refund Audit Officer		60,366	14	42,844	7	0	6,96,092	8	0	17,402	6	0	.....		.....			12,62,586	15	0
Net Revenue....		2,87,358	26	1,80,032	3	0	48,55,028	4	4	1,21,375	11	4	5,42,661	21	67,632	11	6	10,08,902	13	4
Less—																				
Refunds passed in excess of collections		.....		.....			.....			.....			.....		.....			15,949	9	6
Net Revenue...Rs.																		9,92,953	3	10

ABSTRACT.

		Rs.	a.	p.	Rs.	a.	p.
Balance on 31st March 1898—							
Port Trust		17,283	11	6			
G. I. P. Railway Co.		5,998	2	0			
B. B. & C. I. Railway Co.		218	10	0			
					23,499	10	6
Add—							
Collections in 1898-99—							
Port Trust		15,57,664	4	1			
G. I. P. Railway Co.		4,51,808	8	9			
B. B. & C. I. Railway Co.		2,46,477	8	0			
					22,55,949	4	10
					22,79,039	15	4
Deduct—							
Refunds paid in 1898-99					11,67,842	3	0
Balance on 31st March 1899—	Port Trust	5,641	4	0			
	G. I. P. Railway Co.	10,581	11	0			
	B. B. & C. I. Railway Co.	413	11	0			
					10,036	10	0
					11,61,876	13	0
Total Balance as per Book.. Rs.					11,17,181	2	4

	(a) Cands.	P.	(c) Rs.	a.	p.		Rs.	a.	p.		Mds.	S.	(b) Rs.	a.	p.
At 2 annas a candy...	8,353	0	1,044	2	0	At 2 annas a maund...	509	0							
" 4 " " "	10,51,320	1	2,62,830	0	0	" 10 " " "	2,08,110	24							
Total...	10,59,673	1	2,63,874	2	6	Total...	2,08,619	24							
	(d)		(d)								(c)		(c)		
At 2 annas a candy...	8,353	0	1,044	2	0	At 2 annas a maund...	509	0							
" 4 " " "	26,80,715	3	6,34,175	13	3	" 10 " " "	8,56,121	0							
Total...	25,46,068	3	6,35,222	15	3	Total...	8,56,629	0							

(c) The actual amount should be Rs. 23-1-0, the difference of Rs. 1-5-0 being due to short recoveries made by the B. B. & C. I. Railway Co. Steps have now been taken for the necessary recovery.

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 2.

STATEMENT showing the Quantity and Value of several Articles [illegible] Duty was levied during 1898-99 under Section 192 (1) of "The City of Bombay Municipal Act, 1888."

Duty collected by		Grain and Pulse at 4 Annas per Candy.		Flour at 8 Annas per Candy.		Wines and Spirits at 4 Annas per Gallon.		Beer at 6 Pies per Gallon.		Sugar at 8 Annas per Cwt.		Ghee at 10 Annas per Maund.		Timber at 2½ per Cent.		Firewood at 2 Annas per Candy.		Total Monthly Collections.
		Candies and Fractions.	Amount of Duty.	Candies and Fractions.	Amount of Duty.	Gallons and Pints.	Amount of Duty.	Gallons and Pints.	Amount of Duty.	Cwt. qrs. lbs.	Amount of Duty.	Maunds and Seers.	Amount of Duty.	Value.	Amount of Duty.	Candies and Maunds.	Amount of Duty.	
The Traffic Manager, Port Trust Bundars.			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
April	1898	91,525 4	22,881 6 0	4 6	0 14 0	86,192 5	21,548 2 5	36,666 0	1,527 11 0	77,146 3 7	36,071 5 6	2,112 8	1,320 2 0	2,27,161 14 0	6,944 0 9	63,274 7	7,909 4 6	88,395 15 2
May	"	88,918 8	22,229 5 9	3 2	0 10 0	79,004 0	19,750 15 11	31,539 0	1,313 4 6	73,482 2 14	34,741 5 0	1,361 18	1,272 2 6	1,90,087 8 0	4,977 8 0	57,834 14	7,229 5 0	94,933 0 8
June	"	63,161 0	15,790 4 0	.....	.....	80,608 5	20,054 9 4	1,04,210 0	4,342 1 8	81,740 3 0	40,870 6 0	521 28	326 1 0	8,27,057 8 0	8,176 7 0	2,026 14	258 3 0	68,897 7 4
July	"	79,250 7	19,812 11 3	.....	.....	84,083 2	21,001 5 8	48,184 0	2,007 10 0	3,02,541 2 0	51,270 12 0	6 0	3 12 0	0,90,126 14 0	9,758 2 9	247 14	30 15 0	1,01,722 2 3
August	"	87,756 4	9,439 2 0	.....	.....	75,119 0	18,779 13 2	61,908 4	2,577 0 4	49,050 2 21	21,525 5 6	866 32	229 4 0	8,31,429 9 4	8,285 11 10	2,599 0	324 14 0	60,821 8 9
September	"	24,040 5	3,232 15 6	11 0	0 11 0	1,08,426 4	27,106 10 1	98,773 0	4,115 7 8	80,717 1 0	41,358 10 0	1,210 22	756 9 6	3,42,060 0 0	8,574 0 0	20,508 14	2,562 15 0	90,630 2 7
October	"	31,181 7	13,795 7 6	35 2	6 10 5	76,407 4	19,101 13 11	40,644 2	1,693 8 2	1,40,606 2 24	70,848 6 0	2,034 16	1,646 8 0	4,57,844 6 0	11,433 9 9	30,914 0	6,506 8 0	1,23,350 3 4
November	"	66,909 4	16,727 6 0	169 7	23 15 0	91,598 3	22,899 9 5	72,767 2	3,032 0 2	2,78,608 1 21	2,80,301 11 0	2,805 4	1,753 3 0	4,12,794 2 8	10,319 18 8	37,838 14	8,979 12 0	1,30,291 11 2
December	"	41,690 7	10,422 9 0	93 0	17 7 0	87,800 4	21,950 1 10	97,617 4	4,067 6 4	2,15,016 1 14	1,07,508 3 0	5,089 20	3,181 8 0	5,20,323 8 6	14,758 1 5	34,401 14	4,800 8 0	1,55,694 5 0
January	1899	76,628 5	19,155 18 9	13 0	2 7 0	94,756 0	23,689 0 4	1,15,527 4	4,813 10 8	3,05,058 2 0	1,52,529 4 0	4,811 10	3,007 0 6	9,84,554 2 8	24,613 13 5	58,690 14	7,335 1 0	2,34,252 12 0
February	"	58,867 7	13,466 16 0	7 0	1 5 5	78,900 5	19,725 2 5	1,30,981 4	5,457 8 4	1,67,673 2 8	83,837 12 8	3,564 18	2,190 8 8	6,37,124 12 8	15,928 1 11	62,937 0	7,868 10 0	1,47,587 5 2
March	"	59,319 0	17,829 13 0	42 0	7 14 0	93,118 1	23,279 8 4	1,25,879 4	5,244 19 4	1,71,118 0 0	85,559 0 0	4,749 32	2,964 14 0	8,41,320 15 4	18,558 1 7	71,270 14	8,908 12 0	1,55,521 10 8
Total		7,42,929 6	1,85,732 6 9	369 1	69 8 6	10,85,320 7	2,58,831 11 6	10,48,190 0	43,674 3 4	17,32,450 0 10	8,66,225 0 0	29,787 8	18,616 14 0	55,08,083 6 4	1,37,702 8 4	4,61,596 7	57,699 8 6	15,57,564 4 1
G. I. P. Railway Company.																		
April	1898	2,01,838 6	50,165 2 0	1 0	0 0 0	38 0	9 8 0	4,744 0	197 11 4	5,419 0 14	2,709 9 0	29,065 0	13,697 14 0	5,700 0 0	142 15 0	7,427 0	928 6 0	67,134 1 0
May	"	2,66,489 0	64,122 4 0	.....	.....	26 0	6 8 0	2,726 0	113 10 8	4,663 8 14	2,331 15 0	18,876 38	8,860 9 6	5,776 0 0	94 6 0			74,628 9 6
June	"	1,14,075 0	28,518 12 0	.....	.....	48 0	12 0 0	2,280 0	95 0 0	3,856 8 14	1,928 4 0	15,060 28	8,078 9 6	4,950 0 0	104 0 0			41,622 14 6
July	"	47,547 0	11,886 12 0	.....	.....	58 2	17 1 0	2,612 0	108 13 4	2,814 1 18	1,407 4 0	18,459 0	8,849 6 0	1,600 0 0	42 4 0			22,129 11 0
August	"	25,839 2	6,459 18 0	26 0	4 14 0	62 0	15 0 0	1,293 0	53 14 0	3,711 1 24	1,857 0 0	14,923 35	8,952 7 0	685 0 0	17 2 0			19,484 13 0
September	"	21,257 2	5,314 5 0	0 2	0 1 0	93 4	23 6 0	2,004 0	83 8 0	5,895 2 13	2,947 14 0	16,119 26	10,074 12 6	20 0 0	0 8 0			18,056 8 6
October	"	46,458 5	11,614 7 0	11 7	2 2 0	88 0	9 8 0	2,158 0	89 18 0	5,048 1 24	2,506 8 0	28,361 32	17,726 2 0	2,730 0 0	68 4 0			32,209 12 0
November	"	40,568 0	10,142 0 0	5 5	1 1 0	132 0	33 0 0	1,857 0	77 6 0	2,122 0 9	1,056 7 0	16,193 2 6	1,682 8 0	42 1 0				[illegible]
December	"	83,287 2	20,096 18 0	0 5	0 2 0	30 0	7 8 0	2,814 0	117 4 0	7,967 0 26	3,983 8 0	21,550 11 9	4,695 0 0	115 14 0				[illegible]
January	1899	62,572 0	13,158 0 0	.....	.....	58 0	14 8 0	998 0	41 9 0	6,987 2 27	4,497 4 0	21,464 23	11,582 13 9	5,772 8 0	140 1 0			[illegible]
February	"	88,637 4	20,884 6 0	.....	.....	76 0	19 0 0	1,552 0	64 13 0	6,549 3 22	3,274 15 0	20,710 27	12,944 2 9	6,457 8 0	87 8 0			[illegible]
March	"	89,408 8	20,602 1 6	9 6	2 13 0	18 0	4 0 0	1,004 0	41 13 0	5,028 1 8	2,514 5 0	13,475 2	8,234 6 0	9,265 0 0	182 8 0			[illegible]
Total		(a) 10,59,573 1	(a)2,58,874 2 6	54 5	10 4 0	675 6	168 15 0	27,602 0	1,150 1 4	63,024 0 14	31,512 1 0	(b) 2,35,712 21	(b) 1,47,240 1 8	41,602 8 0				[illegible] 6 9

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No.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

RECEIPTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
Cash Balance (in Bank and Office Treasuries) on 1st April 1898				6,31,357 13 10
GENERAL TAX—				
From Public—				
For 1890-91		30 10 0		
„ 1891-92		18 13 0		
„ 1892-93		32 9 6		
„ 1893-94		40 6 0		
„ 1894-95		79 5 10		
„ 1895-96		554 8 1		
„ 1896-97		4,401 4 10		
„ 1897-98	25,837 14 4			
Less—Transferred to—				
General Tax for 1896-97 .. Rs. 0 6 10				
Water Tax for 1897-98 ... „ 0 10 0				
	*1 0 10			
		25,836 13 6		
		30,094 6 9		
For 1898-99	19,21,303 4 5			
Less—Transferred to—				
General Tax for 1896-97. Rs. *2 5 5				
Do. for 1897-98. „ 535 11 5				
Do. do. „ *47 0 7				
Do. for 1898-99. „ *330 13 3				
Water Tax for 1898-99... „ *1 8 2				
Halalkhore Tax for 1898-99 ..... „ *9 9 11				
Deposit Account ..... „ 11 5 7				
	938 6 4			
		19,20,364 14 1		
		19,51,459 4 10		
Less—Refunds		7,512 8 9		
		19,43,946 12 1		
From Government of Bombay	1,09,947 0 0			
Do. Port Trust	1,70,420 0 0			
		2,80,367 0 0		
			22,24,213 12 1	
Carried over ...Rs.			22,24,213 12 1	6,31,357 13 10

* These sums having been erroneously credited to these heads as per Assessor and Collector's intimations have been with the Commissioner's sanction, transferred to the proper heads of credit.

8.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899.

DISBURSEMENTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs a. p.
MUNICIPAL FUND.				
GENERAL SUPERINTENDENCE—				
STANDING COMMITTEE AND CORPORATION ESTABLISHMENT—				
I. Salary of the Secretary	13,335 7 9			
II. Office Establishment	5,953 7 7			
III. Fees of Councillors	17,280 0 0			
IV. Contingencies, Stationery, Printing, &c.	15,966 12 10			
		52,535 12 2		
MUNICIPAL COMMISSIONER'S PERSONAL OFFICE ESTABLISHMENT—				
I. Salary of the Commissioner	41,303 12 3			
II. Establishment	18,538 0 1			
III. Contingencies, Stationery, Printing, &c. ....Rs. 7,930 3 4				
Less—Recovery of postal stamp charges... „ 1 7 0				
	7,928 12 4			
		67,770 8 8		
GENERAL OFFICE ESTABLISHMENT—				
I. Establishment, including winding up and keeping in order Municipal Clocks, Telephone Connection (General), &c. ....Rs. 7,158 15 1				
Less — Over-payment recovered ..... „ 5 2 7				
	7,153 12 6			
II. Printing Voters' Lists	2,528 1 6			
III. Law Charges	17,399 8 5			
IV. Repairs and Maintenance of the Municipal Office Building, Testing Lightning Conductors, &c.	1,659 3 10			
V. Hydraulic Lift Service	1,675 7 7			
VI. Electric Lighting of the Municipal Office	1,957 15 11			
VII. Contingencies, Stationery, Printing and Peons' Clothing	662 9 0			
		33,036 10 9		
ACCOUNTS AND EXPENDITURE AUDIT ESTABLISHMENT—				
I. Establishment	54,630 1 1			
II. Contingencies, Stationery, Printing, &c. ... Rs. 2,407 8 4				
Less—Stamp charges recovered ..... „ 0 6 0				
	2,407 2 4			
		57,037 3 5		
			*2,10,380 3 0	
Carried over...Rs.			2,10,380 3 0	

* Of this Rs. 26,297-8-4 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			22,24,213 12 1	6,31,357 13 10
WHEEL TAX AND TOLLS—				
WHEEL TAX—				
Through Assessor and Collector—				
For 1894-95	1 6 0			
„ 1895-96	17 0 0			
„ 1896-97	162 7 6			
	180 13 6			
For 1897-98 ..... Rs. 4,190 9 0				
Less—Transferred to Wheel Tax for 1898-99 ..... „ 11 0 0				
	4,179 9 0			
	4,360 6 6			
For 1898-99 ..... Rs. 1,57,556 9 1				
Less—Transferred to Ha'alkhor for 1898-99. Rs. 1 8 0				
„ Notice fee... „ 3 4 0				
	*4 12 0			
	1,57,551 13 1			
	1,61,912 3 7			
Less—Refunds.....	4 0 0			
		1,61,908 3 7		
Through the Chief Accountant—				
For 1898-99		1,63,522 8 0		
		3,25,430 11 7		
TOLL FEES (through Traffic Manager, Port Trust).....		13,765 14 0		
			3,39,196 9 7	
TOWN DUTIES—				
Through Port Trust.....	15,71,905 11 7			
„ B. B. & C. I. Railway Company	2,44,982 10 0			
„ G. I. P. Railway Company	4,43,114 15 9			
	22,60,003 5 4			
Less—Refunds	11,42,842 3 0			
			11,17,161 2 4	
LICENSES—				
(*a*) Dangerous and Offensive Trades (through License Department)		60,656 8 0		
(*b*) Streets and Buildings (through the Engineer)—				
(1) Licenses to Plumbers	920 0 0			
(2) Do. to Surveyors.....	2,625 0 0			
		3,545 0 0		
		64,201 8 0		
(*c*) Land Conveyance, Music, &c., Licenses (issued by the Commissoner of Police)—				
(1) Land Conveyance Licenses, &c. ...Rs.13,355 14 0				
Less—Refund of fees for Fare Books and Badges..... „ 211 14 0				
	13,144 0 0			
(2) Music Licenses	7,595 0 0			
(3) Sundry Licenses	2,814 0 0			
		23,553 0 0		
			87,754 8 0	
Carried over...Rs.			37,68,326 0 0	6,31,357 13 10

* *Vide* foot-note at end of page 170.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			2,10,380 3 0	
ASSESSMENT AND COLLECTION DEPARTMENT—				
PROPERTY & WHEEL TAX ESTABLISHMENT—				
I. Head Quarters' Office Establishment ...	59,948 11 4			
II. Ward Inspection Office Establishment .....Rs. 68,125 2 7				
Less—Over-payment recovered ..... ,, 3 4 9				
	68,121 13 10			
III. Contingencies, Stationery, Printing, &c.	15,912 2 8			
IV. Bonus to the employés of the Assessment Department in recognition of their exertions in collecting the revenue during the prevalence of the Plague Epidemic	4,945 5 0			
		*1,48,928 0 10		
TOWN DUTY COLLECTION—				
I. Port Trust (Commission)	35,507 8 3			
II. G. I. P. Railway Co. (do.)	12,330 7 3			
III. B. B. & C. I. do. (do.)	7,135 1 0			
		54,973 0 6		
LICENSING ESTABLISHMENT—				
I. Establishment.....	15,170 11 9			
II. Contingencies, Stationery, Printing, &c.	946 12 3			
III. Summons Fees ..... Rs. 970 8 0				
Less—Recovered from Defaulters ..... ,, 727 0 0	243 8 0			
	16,361 0 0			
Land Conveyance License Establishment and Contingencies	6,924 14 2			
Music, Poison, &c., Licenses	1,818 10 3			
		25,104 8 5		
REVENUE & REFUND AUDIT ESTABLISHMENT—				
I. Establishment .....Rs. 25,441 13 8				
Less—Over-payment recovered ..... ,, 1 10 8				
	25,440 3 0			
II. Contingencies, Stationery, Printing, &c....	720 5 0			
		† 26,160 8 0		
		2,55,166 1 9		
TOLLS COLLECTION—				
I. Establishment under the Traffic Manager, Port Trust Bunders		2,013 0 0		
			2,57,182 1 9	
Carried over ...Rs.			4,67,562 4 9	

* Of this, Rs. 27,924-0-2 are chargeable to Water Works Account.
† Includes Rs. 10,435 on account of Town Duty Refund Establishment.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			37,68,326 0 0	6,31,357 13 10
LIQUOR LICENSES—Receipts from Government			1,43,750 0 0	
TOBACCO DUTY LICENSES—Receipts from Government (through Commissioner of Customs)			2,08,544 4 10	
HALALKHOR TAX (through Assessor and Collector)—				
For 1890-91	10 8 1			
,, 1891-92	8 10 1			
,, 1892-93	11 2 10			
,, 1893-94	12 14 6			
,, 1894-95	3 12 10			
,, 1895-96	32 12 4			
,, 1896-97	2,868 7 6			
,, 1897-98 ..... Rs. 16,067 13 7				
Less—Transferred to—				
Halalkhor Tax for 1898-99... ,, 7 4 8				
	16,060 8 11			
	19,008 13 1			
Rs. a. p.				
For 1898-99 ..... 6,99,344 9 3				
Less—*Transferred* to—				
Halalkhor Tax for 1896-97 ..... Rs. *1 8 0				
Halalkhor Tax for 1897-98 Rs. 6 13 8				
,, 19 14 10				
,, 26 12 1				
Halalkhor Tax for 1898-99 ... ,, *106 12 10				
General Tax for 1898-99 ..... ,, *2 10 2				
Water Tax for 1898-99 ..... ,, *34 2 11				
Deposit Account ,, 2 10 7				
174 8 7				
	6,99,170 0 8	7,18,178 13 9		
Less—Refunds.....		5,056 11 1		
			7,13,122 2 8	
WATER TAX AND OTHER MISCELLANEOUS WATER WORKS REVENUE—				
WATER TAX (through Assessor and Collector)—				
For 1890-91	14 0 1			
,, 1891-92	11 8 2			
,, 1892-93	14 14 5			
,, 1893-94	17 3 4			
,, 1894-95	35 8 10			
,, 1895-96	264 8 4			
,, 1896-97	1,742 4 9			
,, 1897-98 ..... Rs. 47,271 12 1				
Less—Transferred to— General Tax for 1897-98 ..... Rs. 0 6 1				
Water Tax, 1896-97 ,, 0 2 0				
,, 0 8 1				
	47,271 4 0			
Water Tax, &c.—*contd.* and carried over... Rs.	49,371 3 5			
Carried over.. Rs.			48,33,742 7 6	6,31,357 13 10

* *Vide* foot-note at end of page 170.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			4,67,562, 4 9	
FIRE BRIGADE—				
I. Establishment .....Rs. 53,091 14 0				
Less—Overpayment recovered, &c. ... „ 34 7 1				
	53,057 6 11			
II. Rent, Repairs and Miscellaneous .....Rs. 26,024 7 10				
Less—Amount recovered from certain foremen on account of Municipal Taxes, &c. „ 385 2 4				
	25,639 5 6			
III. Purchase of Stock	4,079 8 0			
		82,776 4 5		
Add—Interest on the Fire Brigade Loan of 4½ lakhs—Transferred from Interest on Loans, page 199.....		18,200 0 0		
			*1,00,976 4 5	
MAINTENANCE OF PUBLIC GARDENS—				
a. VICTORIA GARDENS—				
Maintenance—				
I. Establishment	23,762 3 8			
II. Stores & Petty Charges...Rs. 4,956 6 8				
Less—Packing charges, &c., recovered ..... „ 1 14 0				
	4,954 8 8			
III. Seeds, Plants and Labelling	968 6 6			
IV. Monsoon Repairs, Painting Seats and Repairs to Buildings	5,440 10 8			
V. Water-supply	9,030 12 10			
VI. Zoological Collection	7,836 10 10			
		51,993 5 2		
New Works—				
Quarters for the Head Animal-keeper ...	2,412 12 9			
Do. 20 Mallies.....	12,017 12 5			
		14,430 9 2		
		66,423 14 4		
b. ELPHINSTONE CIRCLE GARDEN—				
I. Establishment	618 13 10			
II. Stores and Petty Charges	279 5 1			
III. *a.* Repairs, Painting, &c.....	354 0 4			
b. Sand, Turf, Earth and Manure.....	199 4 0			
IV. Water-supply ..... Rs. 630 4 1				
Less—Amount transferred to the Personal account of Superintendent, Municipal Gardens..... .... „ 30 4 1				
	600 0 0			
		2,051 7 3		
Maintenance of Public Gardens—*continued* and carried over ..... Rs.		68,475 5 7		
Carried over...Rs.			5,68,538 9 2	

* Or Rs. 1,00,976-4-5 including the Sinking Fund Instalment of Rs. 8,100 included in the Sinking Fund payments aggregating Rs. 3,55,817-9-10 shown at page 215.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS, ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			48,33,742 7 6	6,31,357 13 10
Water Tax, &c.,—*contd.* & brought forward. Rs. 49,371 3 5				
Rs. a. p.				
For 1898-99 .....12,82,190 13 5				
Less—Transferred to—				
Rs. a. p.				
Water Tax for 1896-97..... *1 1 7				
Water Tax for 1897-98. 9 1 7				
*5 9 1				
14 10 8				
Water Tax for 1898-99 ..... *8 1 8				
General Tax for 1898-99..... *1 10 0				
Halalkhor Tax for 1898-99 .....*489 1 7				
Deposit Account. 8 8 9				
513 1 10				
	12,81,977 11 7			
Water Charges recovered (through Water Engineer)	41 1 0			
Water supplied to Municipal Departments 1,51,485 11 8				
Less—Transferred to water charges (through Engineer) 41 1 0				
	1,51,444 10 8			
	14,82,834 10 8			
Less—Refunds	12,427 7 6	14,70,407 3 2		
Profit on sale of Water Connection Application Forms	132 4 0			
Recovery on account of wear and tear of tools	996 15 9			
Rent of Water Meter.....Rs. 14,845 4 0				
Less—Refunds..... Rs. 10 0 0				
Error adjusted „ 5 0 0				
„ 15 0 0				
	14,830 4 0			
Commission and Profit on Private Works...	514 10 7			
Sale of Tender Forms.....	37 0 0			
Hire of Pressure Gauges, Pumps, &c.....	37 12 6			
Fees for testing water pipes, fittings, &c. .....Rs. 638 14 0				
Less—Transferred to Reserve Stock (through Water Engineer)..... „ 9 15 0				
	628 15 0			
Sale Proceeds of Unserviceable Tools and Plant, Scrap, &c.	1,145 15 11			
Profit on sale of Water Fittings, Meters, &c. ..... Rs. 12,761 0 2				
Less—Loss ..... „ 3,922 12 2				
	8,838 4 0			
Water Tax, &c.,—*contd.* & carried over...Rs.	27,165 1 9	14,70,407 3 2		
Carried over...Rs.			48,33,742 7 6	6,31,357 13 10

* *Vide* foot-note at end of page 170.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			5,68,538 9 2	
Maintenance of Public Gardens—*continued* and brought forward ..... Rs.		68,475 5 7		
c. FALKLAND ROAD GARDEN—				
I. Establishment	120 0 0			
II. Stores and Petty Charges	179 5 5			
III. Water-supply..... Rs. 149 12 0				
Less—Amount transferred to the Personal account of Superintendent Municipal Gardens ..... „ 49 12 0				
	100 0 0	399 5 5		
d. NORTHBROOK GARDEN—				
I. Establishment	718 5 1			
II. Stores and Petty charges	693 7 10			
III. Water-supply..... Rs. 421 12 0				
Less—Amount transferred to the Personal account of Superintendent, Municipal Gardens ..... „ 71 12 0				
	350 0 0	1,761 12 11		
e. SIR COWASJEE JEHANGIR GARDEN AT MAHIM—				
I. Establishment	220 0 0			
II. Stores and Petty Charges	396 6 6			
III. Water-supply	99 8 9			
		714 15 3		
f. BAZAR GATE GARDEN—				
I. Establishment	327 2 9			
II. Stores and Petty Charges.....	208 12 3			
III. Sand, Turf, Manure, &c.	33 12 0			
IV. Water-supply	107 4 0			
		676 15 0		
g. GARDEN ON THE FLATS—				
I. Establishment	515 13 10			
II. Stores & Petty Charges.....	426 2 5			
III. Water-supply ..... Rs. 296 4 0				
Less—Amount transferred to the Personal account of Superintendent, Municipal Gardens ..... „ 96 4 0				
	200 0 0	1,140 0 3		
h. DICK'S TANK GARDEN—				
I. Establishment	120 0 0			
II. Stores and Petty Charges	226 9 0			
III. Water-supply	33 12 0			
		380 5 0		
Maintenance of Public Gardens—*continued* and carried over		73,548 11 5		
Carried over... Rs.			5,68,538 9 2	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			48,33,742 7 6	6,31,357 13 10
Water Tax, &c.—*contd.* & brought forward, Rs.	27,165 1 9	14,70,407 3 2		
Supplying copies of Office Records, giving evidence, &c.	15 0 0			
Fees for disconnecting service pipes	195 0 0			
Sale of Grass, Rights of Drawing Toddy, Taking Fruits, Fishing in Tanks, &c.....	1,999 0 0			
Rent of Ground, &c.	180 0 0			
Value of pipes &c., removed from Work Road and taken back into stock.....	1,059 2 3			
		30,563 4 0		
			15,00,970 7 2	
MARKET RECEIPTS—				
Stall Rents		1,44,779 2 8		
Squatters' Fees (Departmental).....		2,661 15 9		
Do. do. (through Contractors).....		23,825 0 0		
Fair Ground and Feeding Fees from Contractors	51,000 0 0			
Less—Feeding Charges	24,743 8 5			
		26,256 7 7		
License Fees from Butchers and others.....		16,227 0 0		
Fees for weighing goods at the Municipal Scales of the Arthur Crawford Markets		4,700 0 0		
Fees for verifying Weights and Measures ...		1,852 0 0		
Fees for the Right of Removing Blood (from Contractors)		180 0 0		
Fees for attending Courts, Inspections, &c. ...		1 0 0		
Prices Current.....		149 5 6		
Recoveries for use of Gas Lights		15 0 0		
Sale Proceeds of Unclaimed Animals.....		65 12 0		
Recoveries for Carriage of Meat (from Commissariat Contractors), &c.....		48 0 0		
Sale Proceeds of manure, &c.....		94 4 0		
Slaughter Fees.....	1,35,143 11 0			
Less—Refunds.....	1,504 0 0			
		1,33,639 11 0		
Rent of portion of Bungalow, Slaughter-houses and Chawl (from Commissariat Dept.)	3,000 0 0			
Rent of Chawls occupied by Butchers, &c. ...	2,465 0 0			
Rent of Rifle Ranges	200 0 0			
Rent of Ground	72 0 0			
		5,737 0 0		
Garden Produce	34 8 6			
Less—Transferred to Prices current, &c. ...	0 4 6			
		34 4 0		
Revenue from Toddy trees		1 14 0		
Sale proceeds of unclaimed articles, &c., found in the Markets		18 8 0		
			3,60,386 4 6	
PUBLIC GARDENS—				
VICTORIA GARDENS—				
Sale Proceeds of Plants, Flowers, &c.....		5,067 8 2		
Rent of Chawls from Malees, &c.		158 8 0		
			5,226 0 2	
Carried over...Rs.			67,00,325 3 4	6,31,357 13 1

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			5,68,538 9 2	
Maintenance of Public Gardens—*continued* and brought forward		73,548 11 5		
i. MALABAR HILL GARDEN—				
I. Establishment	467 8 1			
II. Stores and Petty Charges.....	242 9 8			
III. Water-supply.....Rs. 817 10 0				
Less—Amount transferred to the Personal account of Superintendent, Municipal Gardens ..... „ 117 10 0				
	700 0 0			
		1,410 1 4		
			74,958 12 9	
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—				
I. GENERAL SUPERVISION & MISCL. DUTIES—				
I. Superior Staff		31,200 0 0		
II. Office Establishment.....		2,319 0 4		
III. Surveyors and Draftsmen		6,720 0 0		
IV. Contingencies, Stationery, Printing, &c.		1,396 9 8		
			*40,135 10 0	
II. DRAINAGE—				
A. MISCELLANEOUS DRAINAGE—				
I. Establishment and labour including Inspecting and Drain cleaning, &c., staff and main sewer establish. Rs. 77,224 13 1				
Less—Transferred to other heads ..... „ 33 1 7				
	77,191 11 6			
II. Extra labour for Cleaning pipe drains, Road Repairs, Stores, Carts, &c. .....Rs. 16,650 0 1				
Less—Charges transferred to other heads „ 1,225 15 6				
	15,424 0 7			
III. Repairing and altering Mis. Drains, &c..... Rs. 19,480 4 5				
Less—Transferred to other heads ..... „ 1,455 1 10				
	18,025 2 7			
IV. Contingencies, Stationery, Printing, &c. ...Rs. 2,877 14 8				
Less—Transferred to other heads ..... „ 24 0 6				
	2,853 14 2			
Miscl. Drainage—*contd.* & carried over...Rs.	1,13,494 12 10			
Carried over...Rs.			6,92,632 15 11	

* Of this, Rs. 12,947-12-11 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			67,00,325 3 4	6,31,357 13 10
TRAMWAY RENT			49,693 9 10	
MISCELLANEOUS FINES AND PENALTIES—				
Through Presidency Magistrates of Police...		4,374 8 0		
On Establishments		326 8 3		
On Health Department (Labourers, &c.) ...	1,503 15 2			
Less—Transferred to Plague charges A.	1 8 0			
		1,502 7 2		
On Health Department (Halalkhors).....		1,699 6 4		
„ Executive Engineer's Department (Labourers)		26 4 3		
			7,929 2 0	
MISCELLANEOUS RECEIPTS—				
General Sales Account—				
Sale of Land	2,009 2 1			
Sale of Materials.	948 1 4			
		2,957 3 5		
On Account of Health Department—				
Rent of Chawls and Ground ..... Rs. 16,524 15 6				
Less—Rent Transferred to Plague charges A „ 38 4 0				
	16,486 11 6			
Rent of Reclamation Grounds at Kurla, Sion, Tardeo Flats, and DeLisle, Clarke and Arthur Roads, &c.	13,179 8 0			
Rent of Kamatipura Milch Cattle Stables.....Rs. 8,544 5 6				
Less—Commission for Collecting Rents ..... „ 129 0 10				
	8,415 4 8			
Rent of Agripada Milch Cattle Stables .....Rs. 3,577 5 5				
Less—Commission for Collecting Rents..... „ 51 5 0				
	3,526 0 5			
Rent of Mody Bay Milch Cattle Stables ...	4,560 0 0			
Rent of Dhobiwada and Shops ..... Rs. 16,531 0 0				
Less—Transferred to Fines and Penalties ..... „ 14 0 0				
	16,517 0 0			
Sale of Bones, Manure, and Cowdung cakes, &c.... „ 1,440 4 0				
Cleaning Drains ..... „ 1,746 9 5				
	3,186 13 5			
Sale of Tender Forms.....	49 4 0			
		65,920 10 0		
Miscl. Receipts—*contd*, and carried over ...Rs.		68,877 13 5		
Carried over...Rs.			67,57,947 15 2	6,31,357 13 1

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			6,92,632 15 11	
Mis. Drainage—*contd.* & brought forward...Rs.	1,13,494 12 10			
V. Water-supply to Inspectors' Chowkis, &c.	589 12 2			
VI. Telephone Connections to Drainage Engineer's Bungalow, &c.	982 1 4			
VIII. Halalkhor Tax in respect of Chief Inspector's Chowki, &c.	83 4 4			
		1,15,149 14 8		
B. MAINTENANCE OF LOVE GROVE PUMPING STATION—				
I. Establishment	11,761 2 5			
II. Coals	61,479 2 7			
III. Repairs to Machinery. Rs. 8,174 3 8 *Less*—Transferred to General Stock ..... „ 919 8 10	7,254 10 10			
IV. Contingencies & Stores Rs. 12,184 15 11 *Less*—Amount realized on account of rent of the Bungalow at Love Grove „ 960 0 0	11,224 15 11			
V. Repairs to Buildings	162 1 9			
VII. Water-supply	4,581 6 0			
VIII. Halalkhor Tax	434 4 2			
IX. Telephone Connections	850 0 0			
		97,248 1 8		
C. MAINTENANCE OF SLUICES—				
I. Establishment	2,426 1 8			
II. Materials, repairs, and contingencies	800 5 1			
III. Water-supply	32 8 10			
		3,258 15 7		
D. MAINTENANCE OF PUMPING STATION, COLABA, SHONE SYSTEM—				
I. Establishment	6,532 10 4			
II. Extra labour	208 11 0			
III. Coals	14,876 5 7			
IV. Repairs to Machinery, Stations and Ejectors	990 1 6			
V. Contingencies and Stores	2,792 0 5			
VII. Telephone Connection	350 0 0			
VIII. Annual rental payable to Telephone Co. for working 5 electric tell-tales	475 0 0			
IX. Water-supply	808 6 0			
X. Halalkhore Tax in respect of properties at Colaba Air Compressor Station	165 4 10			
		27,198 7 8		
			2,42,855 7 7	
Carried over...Rs.			9,35,488 7 6	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			67,57,947 15 2	6,31,357 13 10
Miscellaneous Receipts *continued* and brought forward ..... Rs.		68,877 13 5		
On Account of Municipal Engineer's Dept.—				
Commission and Profit on Private Works...	3,400 1 10			
Profit on account of Building Certificate Forms...	171 0 0			
Do. do. of Repairs do. ...	164 8 0			
Hire of Carts, Rollers, &c.....	5,963 10 3			
Sale Proceeds of old Gas Lamps	521 0 0			
Sale of Tender Forms, &c.	417 11 6			
Ground-rent for Telephone Lines ..... Rs. 1,190 15 3				
Ground-rent..Rs. 1,906 2 11				
Less—Transferred to other heads „ 269 8 8				
Rs. 1,636 10 3				
	2,827 9 6			
Right of catching fish, cutting grass, collecting fruits, drawing toddy, &c.	1,160 0 0			
Sale of coal ashes (Love Grove Pumping Station)	59 8 0			
		14,585 1 1		
On Account of Corporation and Standing Committee Establishment—				
Sale of Waste Paper, &c.		3 2 0		
On Account of Assessor and Collector's Dept.—				
Sale of Waste Paper, &c.		180 7 5		
On Account of Muni. Commissioner's Dept.—				
Sale of Waste Paper, &c.	314 12 5			
Less—Transferred to Plague charges C. ...	31 1 0			
		283 11 5		
Rent of Quarters belonging to the Corporation occupied by the Police Dept....	14,940 1 10			
Do. do. do. by the Fire Brigade.	3,720 0 0			
		18,660 1 10		
On Account of Accounts and Expenditure, Audit Establishment—				
Sale of Waste Paper, &c.		0 0 6		
On Account of Vaccination Department—				
Sale of Vaccine Lymph, &c.		515 0 0		
On Account of Fire Brigade Department—				
Hire of Engines.....		196 11 5		
On Account of Revenue and Refund Audit Office Establishment—				
Sale of Waste Paper, &c.....		10 0 0		
			1,03,412 1 1	
Carried over...Rs.			68,61,360 0 3	6,31,357 13 10

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			9,35,488 7 6	
III. WATER WORKS—				
I. Establishment and Labour .....Rs. 1,42,968 13 9				
Less—Over-payment recovered ..... „ 747 13 7	1,42,221 0 2			
II. Materials .....Rs. 35,419 14 1				
Less—Value of cement casks transferred to other heads, &c. ... „ 156 5 8	35,263 8 5			
III. Contingencies, Stationery, Printing, &c.. Rs. 14,020 3 5				
Less—Charges for Stamping Water Meter Bonds, &c., recovered ..... „ 25 8 3	13,994 11 2			
IV. Renewal of 3" Main in Worli Road...	3,788 0 0			
V. Repairs and Painting to Water Works Buildings, Bridges, &c.	9,656 4 2			
VI. Repairs to Tulsi and Tansa Main Embankments.....	12,292 3 2			
VII. Maintenance of Pawai Works	486 3 0			
	2,17,701 14 1			
Less—Cost of renewing main in Worli Road paid out of the Worn-out Water Mains Renewal Fund (shown at page 201).....	3,788 0 0			
		2,13,913 14 1		
			2,13,913 14 1	
IV. STREETS AND BUILDINGS—				
A. INSPECTION AND SUPERVISION—				
I. Establishment		75,346 4 9		
II. Contingencies, Stationery, Printing, &c.	4,649 1 5			
Less—Summons fees recovered.....	84 8 0			
		4,564 9 5		
			79,910 14 2	
B. PUBLIC LIGHTING—				
I. Gas Lighting—				
a. Streets and Bunders, &c.....	2,17,373 8 6			
b. Contingencies ..... Rs. 3,475 2 7				
Less—Damages to lamps, &c., recovered..... „ 107 14 0	3,367 4 7			
c. Lighting Rajabai Clock Tower	630 0 0			
Public Lighting carried over...Rs.		2,21,870 13 1		
Carried over...Rs.			12,29,313 3 9	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			68,61,360 0 3	6,31,357 13 10
MISCELLANEOUS FEES—				
Through Assessor and Collector—				
Buttakee	1,626 0 0			
Duplicate Bills	24 8 0			
Inspection.....Rs. 83 0 0				
Less—Transferred to Sundry „ * 5 0 0				
	78 0 0			
Notice	3,198 4 0			
Sundry	151 10 8			
Warrant.....Rs. 76 8 0				
Less—Transferred to Notice „ * 0 8 0				
	76 0 0			
		5,154 6 8		
Through Supdt., of Licenses—				
Supplying Copies of Office Records, &c. ...		5 0 0		
Through Executive Engineer—				
Projecting Verandahs, Balconies, &c.	6,350 6 10			
Opening Roads	2,124 0 0			
Scaffoldings	3,418 9 4			
Supplying Copies of Office Records	69 12 6			
Occupying Public Roads	3,120 0 0			
Inspecting sanitary fittings	40 0 0			
		15,122 12 8		
Through Chief Accountant—				
Registration of Powers of Attorney	15 0 0			
Furnishing Copies of Office Records &c. ...	13 12 0			
		28 12 0		
Through Health Officer—				
Digging Graves	3,094 0 0			
Removing Dead Animals	6,125 8 0			
Skinning Dead Animals	3,000 0 0			
Supplying Copies of Office Records	656 0 0			
		12,875 8 0		
Through Revenue and Refund Audit Officer—				
Supplying Copies of Town Duty Refund Receipts	24 0 0			
Supplying Copies of Office Records, Registering Powers of Attorney, &c.	19 0 0			
		43 0 0		
			33,229 7 4	
Carried over...Rs.			68,94,589 7 7	6,31,357 13 10

* *Vide* foot note at end of page 170.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			12,29,513 3 9	
STREETS AND BUILDINGS—Public Lighting *contd.* and brought forward		2,21,870 13 1		
II. Kerosine Oil Lighting—				
a. Streets ..... Rs. 36,247 12 7				
Less—Sale proceeds of empty kerosine oil cases and recoveries on account of lighting charges ..... „ 5,112 4 11				
	31,135 7 8			
b. Contingencies..... Rs. 848 10 6				
Less—Damages to lamps recovered... „ 639 6 9				
	209 3 9			
		31,344 11 5		
			2,53,215 8 6	
C. WATERING ROADS—				
I. Watering by Bhistees and Carts		73,275 6 7		
II. Purchase and fixing of new pattern Hydrants		4,045 10 9		
			77,321 1 4	
D. ROADS, FOOTPATHS, &C—				
I. Road Repairs and Maintenance	3,09,272 0 9			
Less—Charged to other heads	24,135 8 2			
		2,85,136 8 7		
II. Paving Footpaths		102 4 0		
III. Ground-rent		813 11 8		
IV. Water and Halalkhor service to Chowkies at Null Bazar, &c.....		381 12 9		
V. Annual Repairs to Ward Chowkies, &c.		1,378 9 1		
VI. Telephone Connections to Engineer's Bungalow and A Ward Office.....		350 0 0		
			2,88,162 14 1	
E. IMPROVEMENT OF STREETS—				
a Compensation for Land taken up	1,04,247 9 3			
Less—Sale of Land, &c.....	2,803 5 8			
		1,01,444 3 7		
b Compensation for Buildings, Trees, &c.		7,000 3 3		
c Purchase of Street Boards		540 0 0		
d Do. House Number Plates		431 10 1		
			1,09,416 0 11	
F. COMPENSATION TO HOUSE OWNERS FOR INSANITARY BUILDINGS DEMOLISHED...		6,025 6 7		
Less—Sale of Building Materials ...		3,504 8 2		
			2,520 14 5	
V. CLEANING, LIGHTING AND REPAIRING PORT TRUST WHARVES ROADS			38,642 0 0	
Carried over...Rs.			19,98,591 11 0	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			68,94,589 7 7	6,31,357 13 10
MISCELLANEOUS SAVINGS—				
Revenue and Refund Audit Establishment...		17 7 0		
Garden Establishment		200 8 11		
Executive Engineer's Department	3,064 10 5			
Less—Transferred to Deposit Account ...	10 13 8			
		3,053 13 2		
Health Department		903 3 9		
Halalkhore Branch		798 8 6		
Market Establishment		64 4 1		
Assessor and Collector's Department		41 1 5		
Workshop Establishment		95 3 0		
Municipal Commissioner's Personal Office Establishment		4 2 5		
Fire Brigade Establishment		53 1 11		
Water Works do.		96 7 7		
Joint Schools Committee's Establishment.....		*3 4 7		
Licensing Establishment		1 4 0		
			5,330 13 2	
CONTRIBUTION FROM MUNICIPAL SERVANTS TOWARDS PENSION, &c., FUND		19,086 0 9		
Less—Excess recoveries refunded		35 11 1		
			19,000 5 8	
Carried over...Rs.			69,18,920 10 5	6,31,357 13 1

* This amount was erroneously credited to this head in 1897-98 and is now adjusted, hence the debit entry.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			19,98,591 11 0	
NEW WORKS—				
DRAINAGE—				
Tidal Flap at the mouth of the double-barrelled masonry *drain* passing through the Mint compound	9 0 0			
Miscellaneous Drainage Works Rs. 8,636 7 6				
Less—Cartage Charges... „ 234 1 3				
	8,402 6 3			
Water Gullies in different parts of Bombay...	5,476 14 9			
Working of Electrolisers at Carnac Bunder ..... Rs. 4,348 7 2				
Less—Refunded by the G. I. P. Ry. Co. ..... „ 0 10 0				
	4,347 13 2			
Constructing a Masonry drain at Khandia Tank Street.....	1,801 11 6			
Constructing a Storm-water Drain near the junction of French and Queen's Road	119 6 11			
Providing (41) manholes on the old masonry drain in Kamatipura	2,543 7 7			
Draining Police Quarters at Mahim	99 14 1			
3″ Water Main from Colaba Causeway to the Air-compressing Station Colaba	1,047 14 10			
Constructing a culvert with a penstock in the eastern bank of the Storm-water Reservoir on the Flats	81 15 0			
		23,990 8 1		
WATER WORKS—				
Quarters for Sub-Inspector and Watchmen Tansa Lake.....Rs. 981 1 4				
Less—Refund of Wharfage Charges ..... „ 16 14 0				
	964 3 4			
Pucca arrangements for the protection of Tulsi pipes near the Mogul Tank, Mahim.	551 0 2			
Laying 1″ galvanized pipe in Sion, Agriwada and Bhandarwada villages	561 10 9			
Plastering and pointing the walls of the whole of the old settling basin of the Bhandarwada Reservoir	1,019 14 6			
		3,096 12 9		
STREETS AND BUILDINGS—				
Construction of a Ward Office for the Engineer's Department at Gamdevi Road.....		2,961 3 10		
New Works—*contd.* and carried over...		30,048 8 8		
Carried over...Rs.			19,98,591 11 0	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			69,18,920 10 5	6,31,357 13 10
INTEREST AND PROFIT ON INVESTMENTS OF SURPLUS LOAN AND OTHER BALANCES—				
7 Lakhs Sanitary Works Loan Deposit		1,448 2 0		
Rs. 10,08,500 Miscellaneous Works Loan Deposit		8,489 5 0		
Rs. 2,48,000 Agripada House Sullage Water Connections Loan Deposit		749 0 0		
Rs. 26,94,000 Drainage and Water Works Loan Deposit		1,697 13 0		
Surplus Cash Deposit	86,423 2 5			
Less—Interest, &c., paid at the time of investment	387 8 9			
		86,035 9 8		
			98,419 13 8	
Carried over... Rs.			70,17,340 8 1	6,31,357 13 10

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			19,98,591 11 0	
New Works—*contd.* and brought forward... Rs.		30,048 8 8		
SANITARY & OTHER MISCELLANEOUS WORKS—				
Extension of the Beef Slaughter House, Bandora	13 12 0			
Latrines and Urinals	7,236 8 7			
Making additions and alterations to the chawl at Dadar	349 8 3			
New Latrines at Walkeshwar	150 0 0			
Constructing four chowkies for Cemetery Karkoons	571 12 3			
Construction of permanent manholes over drains in A, B, C, D, and F Wards	986 2 1			
Construction of a Night soil Depôt at Bhangy Mohla	2,128 1 11			
Construction of a Night-soil Depôt at Haines Road	9,042 0 4			
Filling in the quarry hole near the Railway Station at Bandora	2,787 6 0			
Construction of two large additional sheds for sheep and goat, Bandora	2,145 4 0			
Alteration in quarters occupied by the Assistant Superintendent, Bandora Slaughter House, &c.	1,100 0 1			
Cost of land adjoining Municipal Night-soil Depôt at Khetwadi required for the future use of the Health Department	102 7 6			
Converting old latrine at Golangi Hill to water carriage system	50 7 9			
Paving two Wards of the Arthur Road Hospital with Indian Patent stones	2,909 2 4			
Construction of a screen wall round the dead-house in the compound of the Arthur Road Hospital	35 0 0			
Painting the existing walls of the two Wards and providing new walling to the third Ward in the Hospital	20 0 0			
Constructing two pail depôts at Oomarkhady and acquiring two plots of ground for the same	4,339 0 0			
Constructing the Walpakhady latrines with the new sewer recently laid thereat, &c.	70 0 0			
Cost of patent Punkahs Machines for working the six punkahs in the Municipal Council Hall	486 2 8			
		34,472 11 9		
			64,521 4 5	
Carried over...Rs.			20,63,112 15 5	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			70,17,340 8 1	6,31,357 13 10
ACTUAL PROFIT on Sale of Stores to Contractors—Profit		3,351 11 2		
Less—Loss		1,729 11 5	1,621 15 9	
PROFIT on Municipal Workshops			14,083 10 6	
SALE Proceeds of Unserviceable Tools and Plant, &c.			1,863 0 3	
			70,34,909 2 7	
INTEREST on the 5, 4, and 3½ per cent. Municipal Loans Sinking Fund Investments...	95,817 2 0			
Less—Interest, &c., paid at the time of Investments	3,249 8 2	92,567 9 10		
INTEREST on Municipal Buildings Fire Insurance Fund Investment	1,564 3 0			
Less—Interest, &c., paid at the time of investment	47 2 4	1,517 0 8		
INTEREST on the Investment of the Net Premia, &c., Fund	16,300 10 4			
Less—Interest, &c., paid at the time of investment	113 10 4	*16,187 0 0		
INTEREST on the School Building Fund Investment	1,772 10 0			
Less—Interest, &c., paid at the time of investment	28 15 1	1,743 10 11		
INTEREST on the Worn-out Water Mains Renewal Fund Investment	15,044 2 5			
Less—Interest, &c., paid at the time of investment	57 2 9	14,986 15 8		
			1,27,002 5 1	
Carried over...Rs.			71,61,911 7 8	6,31,357 13 10

* Includes Rs. 4,055-4-11 received on Water Works portion of the Net Premia, &c., Fund Investment.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			20,63,112 15 5	
PUBLIC HEALTH DEPARTMENT—				
I. GENERAL SUPERVISION—				
I. Staff	66,725 5 2			
II. Office Establishment	16,276 1 9			
III. Contingencies, Stationery, Printing, &c..... Rs. 9,067 13 11 *Less*—Summons and Warrant Fees recovered from defaulters, &c. ..... „ 10 0 0	9,067 13 11			
		*92,059 4 10		
II. CONSERVANCY BRANCH—				
I. Superintendence and Inspection	57,339 10 5			
II. Labour, including Feed of Cattle—				
(*a*) Scavengering	4,63,452 3 7			
(*b*) Surface Drain Cleaning	1,53,915 7 11			
(*c*) Gully Flushing ...Rs. 24,462 0 9 *Less*—Hire of flushing Engine recovered .... „ 70 2 0	24,391 14 9			
(*c*) Veterinary Establishment..... Rs. 3,076 4 0 *Less*—Overpayment recovered ..... „ 1,702 4 0	1,374 0 0			
III. Disposal of Town Sweepings—				
(*a*) Reclamation	19,433 8 2			
(*c*) Incineration	11,756 4 3			
IV. Repairs ..... Rs. 29,552 6 0 *Less*—Damage to carts, yokes, &c., recovered.. „ 8 9 7	29,543 12 5			
V. Stores	29,633 4 7			
VI. New Live and Rolling Stock ..... Rs. 18,739 0 0 *Less*—Cost of a bullock transferred to Victoria Gardens ..... „ 77 8 0	18,661 8 0			
VII. Rent	15,443 6 0			
Conservancy Branch—*contd.* & carried over... Rs.	3,24,945 0 1			
Health Dept.—*contd.* and carried over..... Rs.		92,059 4 10		
Carried over... Rs.			20,63,112 15 5	

* Includes Rs. 33,075-12-11 spent out of the grant for the Reorganization Scheme.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			71,61,911 7 8	6,31,357 13 10
REBATE TO CURRENT REVENUE—				
On Account of Plague Expenses paid from Revenue in 1897-98			5,00,000 0 0	
				76,61,911 7 8
Carried over...Rs.				82,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			20,63,112 15 5	
Health Dept.—*contd.* and brought forward Rs.		92,059 4 10		
Conservy. Brch.—*contd.* & brought forward Rs.	8,24,945 0 1			
VIII. Water-supply	20,170 14 1			
IX. Waterproof Clothing	1,326 12 0			
X. Halalkhore Branch—				
a. Superintendence	16,307 0 3			
b. Labour	3,22,839 0 8			
c. Feed of Bullocks	59,866 8 6			
d. Stores ..... Rs. 7,416 5 11				
Less—Excess amount received from a defaulting contractor. „ 11 0 0	7,405 5 11			
e. Repairs and Maintenance .....Rs. 10,644 4 4				
Less—Recovery on account of damage done to yokes, &c....„ 15 0 0	10,629 4 4			
f. Purchase of Live Stock	6,845 0 0			
g. Rent	5,833 14 9			
h. Lighting Night-soil Depôt and other places.....	210 0 0			
i. Water-supply	38,057 4 5			
XI.—Removing and re-erecting four sheds of the Sankli Tank Hospital	9 8 10			
			*13,14,445 9 10	
III. MARKETS AND SLAUGHTER-HOUSES ESTABLISHMENT—				
I. Superintendence .....Rs. 25,467 2 1				
Less—Overpayment received ..... „ 5 10 0	25,461 8 1			
II. Superintendence at Bandora Slaughter-houses .....Rs. 7,045 10 7				
Less—Overpayment received..... „ 19 8 7	7,026 2 0			
III. Superintendence, Private Markets	2,995 2 8			
IV. Labour.....	11,634 14 2			
V. Lighting Markets and Slaughter-houses ...Rs. 14,456 2 5				
Less—Recovered from the Bombay Telephone Co. for maintaining a lamp in Telephone room ... „ 10 0 0	14,446 2 5			
Market, &c.—*contd.* and carried over...Rs	61,563 13 4			
Health Dept. *contd.* and carried over...Rs.		14,06,504 14 8		
Carried over...Rs.			20,63,112 15 5	

* Includes Rs. 25,901-2-2 spent out of the grant for the Reorganization scheme.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward				82,93,269 5 6
Carried over...Rs.				82,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			20,63,112 15 5	
Health Dept.—*contd.* and brought forward.. Rs.		14,66,504 14 8		
Market, &c.—*contd.* and brought forward ...Rs.	61,563 13 4			
VI. Meat Carriage	30,313 1 2			
VII. Disposal of Offal	7,665 0 0			
VIII. Stores	1,590 6 8			
IX. Contingencies, Stationery, Printing, &c.	3,883 15 2			
X. Repairs	21,588 0 11			
XI. Rent	7,417 15 5			
XII. Water-supply	35,667 14 10			
		1,69,690 3 6		
IV. REGISTRATION OF BIRTHS AND DEATHS—				
I. Registrars	4,206 12 3			
II. Office Establishment	4,544 13 9			
III. Sub-Registrars, Birth Karkoons and Cemetery Clerks, &c.	8,284 5 8			
IV. Contingencies, Stationery, Printing, &c, ...Rs. 2,823 6 5				
Less—Excess payment received ..... „ 0 0 2				
	2,823 6 3			
V. Lighting Sonapur Burning Ground	74 10 10			
		19,934 0 9		
V. CEMETERIES—				
I. Establishment .....Rs. 3,701 0 9				
Less—Overpayment recovered 0 0 1				
	3,701 0 8			
III. Feed of Horses and Contingencies 2,963 3 1				
Less—Transferred to Sec. IV. Rent 230 5 0				
	2,732 14 1			
IV. Rent	801 13 7			
V. Stores, &c. .....Rs. 5,501 3 6				
Less—Recoveries on account of Firewood supplied at Haines Road ..... „ 393 12 0				
	5,107 7 6			
VI. Water-supply	872 12 10			
VII. Repairs to Chowkies and Chawls	42 11 1			
		12,758 11 9		
VI. LABORATORY		309 6 2		
VII. MAHALUXMI DHOBIWADA—				
I. Establishment	855 0 0			
II. Stores and Contingencies	140 10 10			
III. Rent of Government Ground opposite the Dhobiwada	852 14 7			
IV. Repairs	1,304 2 8			
V. Water-supply	29,189 14 0			
		32,342 10 1		
Health Dept.—*contd.* and carried over .....Rs.		16,41,539 14 11		
Carried over...Rs.			20,63,112 15 5	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward				82,93,269 5 6
Carried over ... Rs.				82,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ....Rs.			20,63,112 15 5	
Health Department—*contd.* and brought forward ....Rs.		16,41,539 14 11		
VIII. INFECTIOUS DISEASES	52,130 10 3			
Less—Transferred to personal account of Health Officer	39,000 0 0			
		13,130 10 3		
IX. MILCH CATTLE STABLES AND ROOMS—				
I. Establishment and Labour	2,117 13 5			
II. Stores, &c	292 14 5			
III. Ground-rent to Collector of Bombay and Port Trust	78 7 8			
IV. Repairs	829 5 9			
V. Water-supply	7,168 10 6			
		10,487 8 9		
X. TANK CONSERVANCY—				
I. Establishment and Labour	4,818 12 2			
II. Stores, &c.	1,100 0 0			
		5,918 12 2		
XI. RUSTOMJI JAMSETJI DHARAMSHALLA, FALKLAND ROAD—				
I. Establishment	135 0 0			
II. Repairs	157 5 1			
III. Water and Halalkhore Taxes	41 14 6			
		334 3 7		
XII. Vaccination (contribution to Government).		15,292 6 3		
XIII. Erecting temporary stables for the segregation of cattle suffering from foot and mouth disease		714 8 11		
XIV. Inspecting Milch Cattle, &c., stables in the city during the prevalence of foot and mouth disease and rinderpest, &c.		358 11 4		
XV. Establishment for the temporary sheds at Gilder Street for the segregation of animals suffering from rinderpest, &c.		447 14 10		
XVI. Kumbarwada Dispensary		950 0 0		
			16,69,174 6 0	
POLICE CHARGES—				
Contribution towards the cost of the Police.		5,00,000 0 0		
Removing and reconstructing balconies in front of the windows at Byculla Police Station	443 8 8			
Providing a wooden staircase at the Inspector's quarters, Girgaum Police Station	114 15 0			
Constructing a water closet for the Inspector of Police at Byculla Police Station	454 4 9			
		1,012 12 5		
			5,01,012 12 5	
Health Dept.—*contd.* and carried over....Rs.			42,53,300 1 10	
Carried over...Rs.				

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and brought forward ..... Rs.				82,93,269 5 6
Carried over... Rs.				82,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			42,53,300 1 10	
EDUCATION—				
Primary Education		80,000 0 0		
School for Deaf and Dumb Mutes		1,650 0 0		
Veterinary College		2,500 0 0		
Technical College		10,000 0 0		
Joint School Committee's Establishment		6,497 4 9		
Victoria and Albert Museum		14,128 14 10		
			1,14,776 3 7	
HOSPITALS, &c.—				
Gokuldas Tejpal Hospital contribution for 1898-99	36,000 0 0			
Less—Unexpended balance of the Municipal contribution for 1897-98 refunded by Government Rs.2,470 13 9				
Deduct—				
Pay of Nurses ...Rs. 900 0 0				
Cost of Uniform to Nurses ..... „ 40 0 0				
„ 940 0 0				
	1,530 13 9			
		34,469 2 3		
Contribution to Jaffer Sulleman Dispensary		3,000 0 0		
Homeless Leper Asylum at Matunga		17,731 13 0		
			55,200 15 3	
PENSIONS, &c.—				
*Pensions		47,464 15 5		
Gratuities to Municipal servants		134 12 3		
Compassionate Allowances to widows and children of Municipal Officers and Servants		9,266 5 0		
			56,866 0 8	
MISCELLANEOUS—				
Discretional Contingencies	8,630 11 5			
Less—Charged to other heads	3,680 5 4			
		4,950 6 1		
Auditors' Allowance		10,000 0 0		
Election Expenses		1,570 11 4		
Grain Compensation to Peons, &c.	17 12 6			
Less—Overpayments recovered	0 4 8			
		17 7 10		
Loss on account of Private Works irrecoverable bills *written off*		*19 11 2		
Cost of analysis of articles of food, &c.		820 0 0		
Cost of illuminating the Address of Welcome presented to Baron Curzon on his arrival in Bombay		995 2 8		
Cost of insuring the Municipal Office Building and its contents for one year		1,500 0 0		
			19,673 7 1	
Carried over...Rs.			44,99,816 12 5	

* Chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				82,93,269 5 6
Carried over...Rs.				82,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			44,99,816 12 5	
INTEREST ON LOANS—				
Vehar Water Works Debt		1,00,935 5 3		
Drainage Loan of 1878		1,01,300 0 0		
44 Lakhs Sanitary Works Loan of 1885-86 ...		1,90,950 0 0		
7 Lakhs Sanitary Works Loan of 1888		43,437 8 0		
Tansa Water Works Loan of 147 lakhs		7,29,575 0 0		
Drainage and Water Works Loan of 12 lakhs of 1888.....		58,400 0 0		
Loan of Rs. 10,68,500 for Miscellaneous Works.....		50,387 8 0		
Agripada House Sullage Water Connection Loan of Rs. 2,48,000		12,400 0 0		
Loan of 35 Lakhs for various Sanitary Works.....		1,88,350 0 0		
Municipal Building Loan of 8 lakhs		40,000 0 0		
4½ Lakhs Loan for Fire Brigade Quarters and Stations		18,200 0 0		
Loan of 42 lakhs for repayment of balance of Government Consolidated Loan		1,65,730 0 0		
23¾ Lakhs Loan for Drainage, Water Works, Roads and Other Works.....		93,774 8 3		
15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works		85,000 0 0		
Temporary Loan of 15 Lakhs received from the Bank of Bombay		1,29,540 5 3		
Do. 20 Lakhs for Plague Charges		1,13,138 10 0		
		20,71,118 12 9		
Less—Shown under Fire Brigade		18,200 0 0	20,52,918 12 9*	
CHARGES ON ACCOUNT OF LOANS—				
Advertising payment of Government Loan Instalments		13 0 0		
Commission to Bank of Bombay for payment of Interest.....		14,364 2 7		
Public Loan Contingencies	85 12 0			
Less—Telegram charges recovered.....	2 0 0			
		83 12 0	14,460 14 7	
NET ADVANCE MADE UP TO 1897-98 IN RESPECT OF THE PURCHASE OF FRONTAGE LANDS IN AGRIPADA, &C., ESTATE WRITTEN OFF ...				†65,67,196 7 9
				8,12,546 4 8
RENEWING 3" MAIN IN WORLI ROAD (PORTION OF COST CHARGEABLE TO CURRENT REVENUE—PAID FROM THE WORN-OUT MAINS RENEWAL FUND)				3,788 0 0
PAID OUT OF THE NET PREMIA, &C., FUND— Premia on Municipal Loans Sinking Fund Investment.....			1,680 0 0	
PAID OUT OF THE NET PREMIA, &C., FUND— Carried over ... Rs.			1,680 0 0	
Carried over ... Rs.				79,33,530 12 5

* Includes Rs. 11,40,323-10-0 chargeable to Water Works Account.

† This amount, together with the repayment of debt and sinking fund investment, aggregating Rs. 4,211,355-4-7 as shown at page 213, makes up the total expenditure of Rs. 69,89,054-12-4 as per Statement C on page 99.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				82,93,269 5 6
LOAN WORKS—				
DRAINAGE—				
Executed out of the Loan of 23½ Lakhs—				
Sewerage of Colaba...			840 0 0	
Loan Works—*contd.* and carried over ...Rs.			840 0 0	
Carried over...Rs.				82,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				73,83,580 12 5
Paid from the net Premia &c., Fund—*contd.* and brought forward ..... Rs.			1,680 0 0	
STAMP CHARGES ON DEBENTURES ISSUED TO THE BANK OF BOMBAY IN RESPECT OF THE 3RD INSTALMENT OF Rs. 8 LAKHS OF THE 20 LAKHS TEMPORARY LOAN			4,000 0 0	
ADVERTISEMENT, PRINTING, &c., CHARGES IN CONNECTION WITH 4 PER CENT. 29 LAKHS LOANS			2,129 4 6	
STAMP, &c., CHARGES IN CONNECTION WITH THE RENEWAL OF THE TEMPORARY LOANS TAKEN UP FROM THE BANK OF BOMBAY			11,510 3 8	
				19,319 8 2
				74,02,850 4 7
LOAN WORKS—				
DRAINAGE—				
Executed out of the Rs. 26,94,000 Drainage Loan of 1878—				
Pipe Sewers	512 10 11			
Less—Value of materials transferred to other works	42 13 11			
		469 13 0		
Executed out of the 15 Lakhs Loan (one of the three Sanitary Works Loans aggregating Rs. 44 Lakhs)—				
House Connections without Privy Fittings (1st Drainage Section)	75,094 5 0			
Less—Value of materials transferred to other heads	1,030 6 2			
		74,063 14 10		
Executed out of the Loan of 23¼ Lakhs—				
Sewerage of Colaba	59 10 6			
Sewerage of Umarkhadi District	141 14 9			
		201 9 3		
Executed out of Rs. 15,75,000 Loan—				
Sewerage of the Mazagon District on the Gravitation System ..... Rs. 18,363 15 3				
Less—Value of materials transferred to other heads ..... „ 714 8 7	17,649 6 8			
Sewerage of Fergusson Road and Chinchpokli District on Gravitation System, including pipe sewers in Fergusson and Bapty Roads	4,168 13 6			
Sewerage of old Race Course District on Gravitation System	1,556 14 2			
		23,375 2 4		
Loan Works—*contd.* and carried over... Rs.		98,110 7 5		
Carried over...Rs.				74,02,850 4 7

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				82,93,269 5 6
Loan Works—*contd.* and brought forward ...Rs.			840 0 0	
Loan Works—*contd.* and carried over.....Rs.			840 0 0	
Carried over...Rs.				82,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				74,02,850 1 7
Loan Works—*contd.* and brought forward...Rs.		93,110 7 5		
Executed out of the Loan of Rs. 25 Lakhs for Sewerage, Water and other Sanitary Works—				
Machinery for the Sewerage of the Parel, the Mazagon, &c., Sectional Districts.....Rs. 2,69,583 7 11				
Less—Advance made to Contractors adjusted ..... „ 49,916 0 0				
Mazagon District Sectional .....Rs. 21,131 14 11	2,19,667 7 11			
Less—Sale proceeds of Contract copies. „ 20 0 0				
Storm-water Drain from Wellington Fountain *via* Bandstand to the Sea	21,111 14 11			
	3,032 6 1			
		2,43,811 12 11		
Executed out of 19½ Lakhs Loan—				
Improvements in existing road side drains along Bhoiwada Cross Road and new side drains along portion of Dadur Road, &c...	14,087 2 2			
Surface Drainage of Kamathipura .....Rs. 50,741 4 11				
Less—Sale proceeds of Contract forms ..... „ 40 0 0				
	50,741 4 11			
		64,828 7 1		
Executed out of Savings on Different Loans—				
Storm-water Drain with masonry drain in Khetwadi.....Rs. 7,117 5 4				
Less—Sale proceeds of old Indis..... „ 12 0 0				
	7,105 5 4			
Masonry Drain from Girgaum Road and passing through night-soil depôt across Mathew Road	5,388 7 5			
Storm-water Drain in different places..... Rs. 18,218 2 8				
Less—Transferred to the work of storm-water drains in Khetwadi District ..... „ 4,235 12 0				
	13,982 6 8			
Converting the old Engine House at Love Grove into an Office and Godown and constructing a shred-lifting chamber	9,304 0 2			
Constructing a catch pit on the Mint Road Sewer opposite European General Hospital	4,783 11 4			
		40,563 14 11		
Loan Works—*contd.* and carried over ...Rs.			4,47,314 10 4	
Carried over...Rs.			4,47,314 10 4	74,02,850 4 7

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and *brought forward* .....Rs.				82,93,269 5 6
Loan Works—*contd.* and *brought forward* ...Rs.			840 0 0	
WATER WORKS—				
Advances from Surplus Balances—				
New mains in Resy and Kalachowki Roads and other places			797 6 1	
			1,637 6 1	
ROADS—				
Executed out of the 35 Lakhs Various Sanitary Works Loan—				
Roads and Streets in Agripada and elsewhere—Net amount advanced from the purchase of frontage land written off			8,12,546 4 8	
Loan Works—*contd.* and carried over .....Rs.			8,14,183 10 9	
Carried over...Rs.				82,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—continued and brought forward ..... Rs.				74,02,850 4 7
Loan Works—*contd.* and brought forward... Rs.			4,47,314 10 4	
WATER WORKS—				
Executed out of the Tansa Water Works Loan of 147 Lakhs—				
Tansa Water Works		6,460 6 5		
Executed out of the Loan of 23¾ Lakhs—				
Covering Storage Basin at the Bhandarwada Reservoir and constructing filters over it ..... Rs. 5,496 7 5				
Less—Value of materials transferred to other works..... „ 919 4 6				
	4,577 2 11			
Further alterations and improvements at the Malabar Hill Reservoir	231 14 3			
		4,809 1 2		
Executed out of the 25 Lakhs Loan for Sewerage, Water and Sanitary Works—				
New mains in Reay and Kalachowki Roads and other places		797 6 1		
Executed out of savings on different Loans—				
Residence for Chief Inspector, Water Works, at Babula Tank Road and rooms for 6 Sluicemen	2,264 3 3			
New mains in various places	2,011 8 4			
Excess cost (chargeable to Capital) of renewing Worli Road main with 9″ pipes in place of the existing 3″.....	3,099 9 5			
		7,375 5 0		
			19,442 2 8	
ROADS—				
Executed out of the Miscellaneous Works Loan of Rs. *10,08,500*—				
Roads through Nowroaji Hill from Elphinstone Bridge to Dongree Street	5,370 1 0			
Less—Poundage, &c., recovered.....	231 4 0			
		5,138 13 0		
Executed out of the 35 Lakhs Various Sanitary Works Loan—				
Roads and Streets, &c., in Agripada and elsewhere	897 7 9			
Less—Sale proceeds of lands &c.....	897 7 9			
		.....		
Executed out of the 23¾ Lakhs Loan—				
Falkland Road Bridge		637 10 3		
Roads—*contd.* and carried over ..... Rs.		5,776 7 3		
Loan Works—*contd.* and carried over... Rs.			4,66,756 13 0	
Carried over... Rs.				74,02,850 4 7

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				82,93,269 5 6
Loan Works—*contd*, and brought forward...Rs.			8,14,183 10 9	
Loan Works—*contd*, and carried over .....Rs.			8,14,183 10 9	
Carried over...Rs.				82,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				74,02,850 4 7
Loan Works—*contd.* and brought forward ...Rs.			4,66,756 13 0	
Roads—*contd.* and brought forward.....Rs.		5,776 7 3		
Executed out of Rs. 15,75,000 Loan—				
Wari Bunder Road ... Rs. 1,03,564 1 11				
Less—Rent of buildings at Dockyard Road ... ... ,, 2,976 1 5	1,00,588 0 6			
Victoria Road Extension	261 14 10			
		1,00,849 15 4		
Executed out of savings on different Loans—				
Providing and fixing new pattern hydrants for road watering & Fire Brigade purposes.		973 8 10		
Advanced from Surplus Balances—				
Diversion of Arthur Road over the masonry culverts.....	16,180 3 1			
Purchase of land at Cavel Street in connection with a new street thereat.....	1,556 13 4			
		17,737 0 5		
			1,25,336 15 10	
MARKETS—				
Executed out of savings on different Loans—				
Market at Curry Road			4,717 4 9	
Fire Brigade Loan of Rs. 4½ Lakhs—				
Land and buildings for the Fire Brigade...			15,565 8 4	
MISCELLANEOUS WORKS—				
Executed out of Rs. 15,75,000 Loan—				
Burial Ground for Mahomedans and Beni-Israels		3,707 1 0		
Executed out of the 25 Lakhs Loan for Sewerage, Water and other Sanitary Works—				
Disposal of Town Sweepings at Chimbur.....Rs. 3,96,385 13 2				
Less—Unexpended balance of deposit for the construction of kutchra wagons refunded by the Railway Co..... ,, 42,714 7 3	3,53,671 5 11			
Purchase of land in Narielwadi for further extension of burial ground thereat.....	45,531 2 4			
Extension of the burial ground at Sewri Cemetery Rs. 40,818 12 0				
Less—Balance of poundage refunded by Prothonotary, High Court ,, .0 5 0	40,818 7 0			
		4,40,020 15 3		
Executed out of savings on different Loans—				
Latrines at Colaba		307 1 3		
Executed out of the Loan of Rs. 19½ Lakhs—				
Purchase of two sites of land required for burning and burial grounds at Mahim (including cost of enclosure walls).....		11,158 0 0		
			4,55,193 1 6	
Loan Works—*contd.* and carried over...Rs.			10,07,569 6 5	
Carried over...Rs.				74,02,850 4 7

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				82,93,269 5 6
Loan Works—contd. and brought forward...Rs.			8,14,183 10 9	
Plague Charges(A) payable out of Loan Funds written off by debit to Income and Expenditure Account.....			2,37,161 4 5	
			10,51,344 15 2	
Carried over.. Rs.			10,51,344 15 2	82,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				74,02,850 4 7
Loan Works—*contd.* and brought forward.. Rs.			10,67,569 6 5	
PLAGUE CHARGES—				
A—Cost of special sanitary measures in connection with the Plague		5,54,454 11 1		
B—Plague charges incurred on account of the Plague Committee.....		6,62,963 5 3		
C—Plague charges incurred by the Plague Committee.....		5,52,151 8 7	17,69,569 8 11	
				28,37,138 15 4
				1,02,39,989 3 11
INCOME & EXPENDITURE ACCOUNT—				
Plague charges paid out of the Temporary Loan of Rs. 20 Lakhs written off as they do not represent any actual asset.....				† 2,37,161 4 5
Carried over... Rs.				1,04,77,150 8 4

*		Rs.	1,02,39,989 3 11
Less—Credits on account of different Loan Works—*vide* pages 202 and 206		,,	8,14,183 10 9
		Rs.	94,25,805 9 2
Less—Credit on account of rebate to current revenue in respect of Plague expenses debited to Revenue in 1897-98 (*vide* page 192)		,,	5,00,000 0 0
		Rs.	89,25,805 9 2
Less—Premia on Municipal Loans Sinking Fund Investment (paid out of the Net Premia, &c., Fund)—*vide* page 201..... Rs. 1,680 0 0			
Stamp charges on debentures issued to the Bank of Bombay in respect of 20 Lakhs Temporary Loan (paid out of the Net Premia, &c., Fund,)—*vide* page 203 ..... ,, 4,000 0 0			
Advertisement, printing, &c., charges in connection with 4 per cent. 28 Lakhs Loans(paid out of the Net Premia, &c., Fund,—*vide* page 203 ,, 2,129 4 6			
Stamp, &c., charges in connection with the renewal of the temporary loans taken up from the Bank of Bombay (paid out of the Net Premia, &c., Fund) *vide* page 203 ..... ,, 11,510 3 8			
Rs. 19,319 8 2			
Cost of renewing 3" main in Worli Road (chargeable to current revenue paid out of the Worn-out Mains Renewal Fund),—*vide* page 201.,, 3,788 0 0			
		,,	23,107 8 2
		Rs.	89,02,698 1 0
Add—Repayment of Debt and Sinking Fund (*vide* page 213)..... Rs. 4,21,858 4 7			
Investment of the Municipal Buildings Fire Insurance, Worn-out Water Mains Renewal, Net Premia, &c., and School Building Funds (page 221) ..... ,, 37,424 11 3			
		,,	4,59,282 15 10
Total Expenditure as per Statement (B), page 11 ..		Rs.	93,61,981 0 10

† This has been temporarily written off pending a valuation of any properties that may remain after Plague operations cease. The balance of the expenditure incurred on Plague operations in 1898-99 has not been written off, as it has been paid as an advance pending subsequent adjustments against such Funds as may be finally sanctioned.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ....Rs.			10,51,344 15 2	32,93,269 5 6
DEBT—				
Temporary Loan for Plague expenses—3rd instalment of the temporary Loan received from the Bank of Bombay on 1st July 1898			8,00,000 0 0	
ADVANCES—				
PERSONAL ACCOUNTS OF MUNICIPAL OFFICERS, &c.—				
Assessor and Collector	2,131 7 3			
Chief Accountant	187 1 7			
Special Drainage Department	455 0 0			
Deputy Ex. Eng., Drainage Branch	21,554 12 6			
Do. Water Work Branch	5,499 9 2			
Executive Engineer (General)	77,177 3 5			
Municipal Commissioner	2,185 8 0			
Superintendent of Licenses	986 3 5			
Do. of Markets	754 12 6			
Health Officer	4,365 1 8			
Divisional Health Officer, No. 1 Division	43 8 0			
Do. do. No. 2 „	62 0 0			
Do. do. No. 3 „	40 0 0			
Do. do. No. 4 „	73 0 0			
		1,15,515 3 6		
Chairman, Plague Committee		6,56,500 7 10		
Advances—*contd.* and carried over...Rs.		7,72,015 11 4		
Carried over...Rs.			18,51,344 15 2	32,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				1,04,77,150 8 4
DEBT—				
REPAYMENT—				
Vehar Water Works Debt		13,040 10 9		
Drainage Loan of 1878		53,000 0 0		
		66,040 10 9		
Investments of Sinking Fund and Interest accrued thereon—				
On account of 5 per cent., 4 per cent., and 3½ per cent. Municipal Loans—				
In 5 per cent. and 4 per cent. Municipal Bonds and 4 per cent. Port Trust Bonds and 3½ per cent. Government Paper deposited at the Bank of Bombay	3,55,750 15 0			
Cash deposited at the Bank of Bombay	96,987 2 0			
	4,52,738 1 0			
Less—Amount withdrawn from the Bank to replace value of debentures issued (including sub-division and deposit fees)	96,920 7 2			
		*3,55,817 9 10	†4,21,858 4 7	
ADVANCES—				
PERSONAL ACCOUNTS OF MUNICIPAL OFFICERS, &c.—				
Assessor and Collector	2,235 7 3			
Chief Accountant	252 3 11			
Special Drainage Department	55 0 0			
Deputy Executive Engineer, Drainage Branch	21,792 9 0			
Deputy Executive Engineer, Water Works Branch	4,728 6 0			
Executive Engineer (General)	80,935 7 5			
Municipal Commissioner	4,971 2 7			
Superintendent of Licenses	975 8 0			
Do. of Markets	294 0 0			
Do. of Workshops	15 0 0			
Do. of Victoria Gardens	365 10 1			
Health Officer	42,923 0 0			
Divisional Health Officer, No. 1 Division ...	59 0 0			
Do. do. No. 2 do. ...	173 4 2			
Do. do. No. 3 do. ...	50 0 0			
Do. do. No. 4 do.	73 8 0			
		1,59,899 2 5		
Chairman, Plague Committee		4,48,894 15 1		
Advances—*contd.* and carried over... Rs.		6,08,794 1 6		
Carried over... Rs.			4,21,858 4 7	1,04,77,150 8 4

* For details, *vide* page 137.

† Of this, Rs. 1,54,580-12-1 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			18,51,344 15 2	82,93,269 5 6
Advances—*contd.* and brought forward..Rs.		7,72,015 11 4		
PERSONAL ACCOUNTS OF PLAGUE OFFICERS—				
Plague Secretary to the Municipal Commissioner	50 0 0			
Captain R. Lock	50 0 0			
Dr. A. M. *Page*	10 0 0			
Lieut. C. Lewis, District Officer, F. and G. Wards.....	369 12 10			
„ K. E. Nangle	50 0 0			
Assistant Plague Secretary	5 0 0			
Captain C. Wood.....	50 0 0			
K. M. Chowker.....	50 0 0			
Brigade-Surgeon-Lieut.-Col. Wilkins	170 14 3			
Captain Bingley	74 12 9			
Mr. Stuart	635 8 9			
Dr. Thomas	82 6 0			
„ Julius	7 12 3			
Miss Green	150 0 0			
Mr. Atkinson	13 0 0			
„ Edulji B. Seervai.....	442 11 6			
Lieut. Firth	1,320 0 6			
Mr. Abdul Razak Bin Curtus	50 0 0			
Captain Jenkin Jones	100 0 0			
Mr. J. Cooper	100 0 0			
Dr. K. B. Shroff	50 0 0			
Deputy Commissioner on account of—				
Lieut. G. Warneford	500 0 0			
„ H. S. Strong.	100 0 0			
„ W. Brackenbury	100 0 0			
Captain Jenkin Jones	100 0 0			
Lieut. C. E. Lewis	100 0 0			
„ W. C. French	200 0 0			
Sirdar Mahomed Yakub.....	200 0 0			
Lieut. H. V. Firth	100 0 0			
	5,231 14 10			
PERSONAL ACCOUNT OF PLAGUE CONTRACTORS, &c.—				
Rao Bahadur Ellapa Ballaram ..... Rs. 22,000 0 0				
Sirdar Oemar Jamal ... „ 20,000 0 0				
Public Works Dept. ... „ 61,175 0 0				
	1,03,175 0 0			
Plague contrs.—*contd.* and carried over...Rs.	1,08,406 14 10			
Advances—*contd.* and carried over ...Rs.		7,72,015 11 4		
Carried over...Rs.			18,51,144 15 2	82,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			4,21,858 4 7	1,04,77,150 8 4
Advances—*contd.* and brought forward .....Rs.		6,08,794 1 6		
PERSONAL ACCOUNTS OF PLAGUE OFFICERS—				
Plague Secretary to the Municipal Commissioner	50 0 0			
Captain R. Lock	50 0 0			
Lieut. W. J. W. Brackenbury	50 0 0			
Dr. A. M. Page	10 0 0			
Lieut. C. Lewis (Stores Officer, Parel)	300 0 0			
„ C. Lewis (District Officer, F. and G. Wards)	469 12 10			
„ W. C. French	200 0 0			
„ K. E. Nangle	50 0 0			
Assistant Plague Secretary	5 0 0			
„ „ Surgeon P. V. Shikare	50 0 0			
Dr. D. A. Turkhud	10 0 0			
Captain C. Wood	50 0 0			
Lieut. G. Warneford	250 0 0			
K. M. Chonker	50 0 0			
Lieut. Strong	39 14 0			
Brigade-Surgeon Lieut.-Col. Wilkins	170 14 3			
Captain Bingley	74 12 9			
Mr. Stuart	635 8 9			
Dr. Thomas	82 6 0			
„ Julius	7 12 3			
Miss Green	150 0 0			
Mr. Atkinson	13 0 0			
„ Edulji B. Seervai	442 11 6			
Lieut. Firth	1,820 0 6			
Abdul Razak Bin Curtus	50 0 0			
Captain Jenkin Jones	100 0 0			
Mr. J. Cooper	100 0 0			
Dr. L. B. Dharmlker	50 0 0			
Sirdar Mahomed Yakub	100 0 0			
Dr. K. B. Shroff	50 0 0			
Lieut. W. Light	250 0 0			
Captain H. W. Pritchard	50 0 0			
Deputy Commissioner on account of—				
Lieut. G. Warneford	500 0 0			
„ H. S. Strong	100 0 0			
„ W. Brackenbury	100 0 0			
Captain Jenkin Jones	100 0 0			
Lieut. C. E. Lewis	100 0 0			
„ W. C. French	200 0 0			
Sirdar Mahomed Yakub	200 0 0			
Lieut. H. V. Firth	100 0 0			
	7,181 12 10			
PERSONAL ACCOUNTS OF PLAGUE CONTRACTORS, &c.—				
Rao Bahadur Ellapa Ballaram .....Rs. 22,000 0 0				
Sirdar Oomar Jamal ... „ 20,000 0 0				
Public Works Department ..... „ 61,175 0 0				
	1,03,175 0 0			
Plague Contrs., &c.—*contd.* & carried over...Rs.	1,10,356 12 10			
Advances—*contd.* and carried over.....Rs.		6,08,794 1 6		
Carried over...Rs.			4,21,858 4 7	1,04,77,150 8 4

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			13,51,344 15 2	82,93,269 5 6
Advances—*contd*, and brought forward ..... Rs.		7,72,015 11 4		
Plague Contractors, &c.—*contd*, and brought forward ..... Rs.	1,08,406 14 10			
Govt. of Bombay on Account of Plague Charges	76 8 0			
Camp charges on behalf of Government ...	933 1 0			
		1,09,416 7 10		
Workshops (Private & Departmental Works)...	1,08,759 4 6			
Engineer's Dept. (Departmental Works)	92,035 8 0			
Do. (Private Works)	86,348 2 10			
		2,87,142 15 4		
Water Connection Application Forms (Water Works Department)	389 12 0			
Building Certificate Forms (Building Dept).	397 0 0			
Do. Repair Forms (do.)	378 0 0			
		1,164 12 0		
Personal account of Municipal Contractors—				
Richardson and Cruddas	3,013 10 5			
Bulkley & Co.	65 4 0			
		3,078 14 5		
RESERVE STOCK—		11,72,818 12 11		
Engineer, Drainage.....	57,259 2 8			
Do. Executive	24,039 2 0			
Do. Water	79,900 1 0			
General Stock	1,47,600 1 7			
		3,09,398 7 3		
			14,82,217 4 2	
DEPOSITS, &c.—				
BANK OF BOMBAY, &c.				
Contractors, &c., Govt., &c., Paper Deposit.		91,760 0 0		
Surplus Cash—				
Government, &c., Paper Deposit.....	2,05,500 0 0			
Cash Deposit.....	63,592 3 0			
Current Accounts with—				
The Hongkong and Shanghai Banking Corpn. ... Rs. 1,00,000 0 0				
The Comptoir National d'Escompte de Paris, „ 2,00,000 0 0				
The Chartered Bank of India, Australia and China ..... „ 2,50,000 0 0				
The National Bank of India 3,75,000 0 0				
	9,25,000 0 0			
Deposits, &c.—*continued* and carried over... Rs.	11,94,092 3 0	91,760 0 0		
Carried over... Rs.			98,33,562 3 4	82,93,269 5 6

including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.							4,21,858	4	7	1,04,77,150	8	4
Advance—*continued* and brought forward...Rs.				6,08,794	1	6						
Plague Contrs., &c.,—*continued* and brought forward .....Rs.	1,10,356	12	10									
Government of Bombay on account of Plague Charges	78	0	0									
Camp Charges on behalf of Government ...	933	1	0									
				1,11,367	13	10						
Workshops (Private & Departmental Works).	1,22,804	14	3									
Engineer's Department (Departmental Works)	1,17,672	11	6									
Do do. (Private Works)	27,196	5	7									
				2,67,073	15	4						
Water Connection Application Forms (Water Work Department)	382	4	0									
Building Certificate Forms (Building Dept.).	331	0	0									
Do. Repair Forms (do.).	249	8	0									
				962	12	0						
Personal account of Municipal Contractors— Richardson and Cruddas				49,591	0	0						
				10,87,789	10	8						
RESERVE STOCK—												
Engineer, Drainage	60,667	7	6									
Do. Executive	19,041	10	8									
Do Water Works.....	72,486	1	8									
General Stock	1,29,220	15	6									
				2,81,366	3	4						
				13,19,155	14	0						
Pay of establishment &c., for preparing plans and estimates of Nasserwanji M. Petit Public Hall				208	0	5						
							13,19,363	14	5			
DEPOSITS, &c.—												
BANK OF BOMBAY, &c.—												
Contractors' Govt., &c., Paper Deposit				27,800	0	0						
Surplus Cash—												
Government, &c., Paper Deposit.....	2,42,990	0	0									
Cash Deposit	63,592	3	0									
Current Accounts with—												
The Hongkong and Shanghai Banking Corpo....Rs.	2,00,763	0	1									
Comptoir National d'Escompte de Paris ..... „	3,00,746	15	11									
The Chartered Bank of India, Australia and China..... „	3,50,820	4	0									
The National Bank of India ..... „	4,76,442	3	1									
	13,28,772	7	1									
Deposits, &c.,—*contd.* and carried over...Rs.	16,35,354	10	1	27,800	0	0						
Carried over...Rs.							17,41,222	8	0	1,04,77,150	8	4

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.
MUNICIPAL FUND—continued and brought forward.....Rs.			33,33,562 3 4	32,93,269 5 6
Deposits, &c.—*contd.* and brought forward...Rs.	11,94,092 3 0	91,700 0 0		
FIXED DEPOSITS WITH—				
The National Bank of India, Ld .....Rs. 9,50,000 0 0				
The Chartered Bank of India, Australia and China..... „ 8,00,000 0 0				
The Hongkong and Shanghai Banking Corporation..... „ 16,50,000 0 0				
	34,00,000 0 0			
		45,94,092 3 0		
BANK OF BOMBAY—				
Rs. 26,94,000 Drainage and Water Works Loan Cash *Deposit*	1,697 13 0			
7 Lakhs Sanitary Works Loan Cash Deposit	1,448 2 0			
Miscellaneous Works Loan (Rs. 10,08,500) Cash Deposit	8,489 5 0			
Rs. 2,48,000 Agripada House Sullage Water Connections Loan Cash Deposit.....	749 0 0			
		12,384 4 0		
Bank of Bombay *on* account of 5 per cent. Municipal Debentures belonging to different Loans Funds, pledged as security against a Loan of Rupees 15 lakhs taken up from the Bank		2,28,500 0 0		
Municipal Buildings Fire Insurance Fund Cash Deposit	2,020 1 2			
Worn-out Water Mains Renewal Fund Cash Deposit Rs. 14,487 2 9				
To meet cost of renewing Worli Road Main—				
Muni. Debentures Deposit,Rs.3,500 0 0				
Cash Deposit „ 288 0 0				
„ 3,788 0 0				
	18,275 2 9			
Bank of Bombay.—*contd.* and carried over...Rs.	20,295 3 11			
Deposits—contd. and carried over.....Rs.		49,26,676 7 0		
Carried over...Rs.			33,33,562 3 4	32,93,269 5 6

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			17,41,222 3 0	1,04,77,150 8 4
Deposits, &c.—*contd.* and brought forward...Rs.	16,35,854 10 1	27,800 0 0		
FIXED DEPOSITS WITH—				
The National Bank of India, Ld.....Rs. 5,50,000 0 0				
The Chartered Bank of India, Australia and China ..... „ 8,00,000 0 0				
The Hongkong and Shanghai Banking Corporation ..... „ 16,50,000 0 0				
	30,00,000 0 0			
		46,35,854 10 1		
BANK OF BOMBAY—				
Rs. 26,94,000 Drainage and Water Works Loan Cash Deposit	1,697 13 0			
7 Lakhs Sanitary Works Loan Cash Deposit	1,448 2 0			
Miscellaneous Works (Rs. 10,08,500) Loan Cash Deposit	8,489 5 0			
Rs. 2,48,000 Agripada House Sullage Water Connections Loan Cash Deposit	749 0 0			
		12,384 4 0		
Bank of Bombay on account of 5 per cent. Municipal Debentures belonging to different Loan Funds, pledged as security against a Loan of Rs. 15 lakhs taken up from the Bank		8,500 0 0		
Municipal Buildings Fire Insurance Fund—Municipal Debentures, &c., Deposit .....Rs. 4,525 0 0				
Cash Deposit ..... „ 2,012 1 10				
	(*a*) 6,537 1 10			
Worn-out Water Mains Renewal Fund—Municipal Debentures, &c., Deposit .....Rs. 14,430 0 0				
Cash Deposit ..... „ 15,044 2 5				
	(*b*) 29,474 2 5			
Bank of Bomb.—*contd.* & carried forward...Rs.	36,011 4 3			
Deposits—*contd.* and carried over .....Rs.		46,84,038 14 1		
Carried over...Rs.			17,41,222 3 0	1,04,77,150 8 4

	Rs. a. p.	Rs. a. p.
(*a*)	6,537 1 10	
Less—Amount withdrawn from the Bank to meet the value of Paper bought from the market (including the arrears of interest due thereon)—*vide* page 218.....	2,020 1 2	4,517 0 8
(*b*)	29,474 2 5	
Less—Amount withdrawn from the Bank to meet the value of Paper bought from the market (including the arrears of interest due thereon)—*vide* page 218.....	14,487 2 9	14,986 15 8
	Carried over..Rs.	19,504 0 4

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ...

(including Transfers) of the BOMBAY MUNICIPALITY for the year MARCH 1899—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .. ..Rs.			17,41,222 3 0	1,04,77,150 8 4
Deposits—*contd.* and brought forward.....Rs.		46,84,038 14 1		
Bank of Bomb.—*contd.* & brought forward...Rs.	36,011 4 3			
Net Premia, &c., Fund—				
Municipal Debentures, &c.,				
Deposit ..... Rs. 16,091 0 0				
Cash Deposit..... „ 16,610 10 4	(c)32,701 10 4			
School Building Fund—				
Govt. Paper Deposit ..... Rs. 1,706 10 0				
Cash Deposit ..... „ 1,772 10 0	(*d*) 3,479 4 0			
		72,192 2 7		
Deposits from Contractors and others—		47,56,231 0 8		
In Cash	4,76,038 1 7			
Deposits on account of works performed for private parties	1,133 0 9			
Deposits from Contractors,&c. (in Govt. Paper kept in Office)...	13,700 0 0			
Do. do. do. (in Govt. Paper lodged at the Bank of Bombay).....	91,700 0 0			
	5,82,571 2 4			
Govt. of Bombay on account of Income Tax—				
Through Chief Accountant—				
On Establishments ..... Rs. 21,790 12 6				
On Wheel Tax ..... „ 9,846 0 0				
Through Plague Committee..... ..... „ 1,536 4 5				
	33,173 0 11			
		6,15,744 3 3		
			53,71,975 3 11	
				71,13,197 6 11
				1,75,90,347 15 3
Cash Balance (in Bank and Office Treasuries) on 31st March 1899 ...				10,56,879 9 11
			Total...Rs.	1,86,47,227 9 2

		Rs. a. p.	Rs. a. p.
	Brought forward		19,504 0 4
(*c*)	.....	32,701 10 4	
	Less—Amount transferred to this head to replace the amount overdrawn from the net Premia, &c., Deposit in Municipal Debentures, &c.	320 0 0	
		32,381 10 4	
	Less—Amount withdrawn from the Bank to meet the value of Paper bought from the market (including the arrears of interest due thereon) *vide* page 220	16,204 10 4	
			16,177 0 0
(*d*)	.....	3,479 4 0	
	Less—Amount withdrawn from the Bank to meet the value of Government Paper purchased from the market (including the arrears of interest due thereon), *vide* page 220	1,735 9 1	
			1,743 10 11
	Total invested amount as shown at page 99 Rs.		37,424 11 3

W. L. HARVEY,
Municipal Commissioner.

No. 4.

MUNICIPAL FUND.

Schedule of Liabilities on 31st March 1899.

LIABILITIES.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Government of Bombay on account of Vehar Debt				45,21,943	7	9						
Less—Paid in years prior to 1886-87	15,07,704	4	11									
Do. 1886-87	55,812	1	5									
Do. 1887-88	59,583	14	9									
Do. 1888-89	60,352	7	3									
Do. 1889-90	62,783	6	2									
Do. 1890-91	65,341	4	5									
Do. 1891-92	67,986	2	5									
Do. 1892-93 Rs. 70,798 10 10												
Deduct—Difference between the amount paid towards the reduction of the Debt from January to March 1893 at the larger rate of instalment and the amount actually due from January 1893 to March 1894 at the reduced rate, refunded by Government in 1893-94 „ 3,092 5 7												
	67,706	5	3									
Paid in 1894-95	9,533	2	0									
Do. 1895-96	11,549	3	4									
Do. 1896-97	12,063	4	5									
Do. 1897-98	12,530	2	8									
Do. 1898-99	18,040	10	9									
				20,05,986	5	9						
							25,15,957	2	0			
5 per cent. Drainage Loan of 1878 (Rs. 26,94,000)				27,00,000	0	0				25,15,957	2	0
Deduct—Bonds not issued				6,000	0	0						
				26,94,000	0	0						
Less—Paid in 1880	22,000	0	0									
Do. 1881	23,500	0	0									
Do. 1882	24,500	0	0									
Do. 1st quarter of 1883	26,000	0	0									
Do. 1883-84	27,000	0	0									
Do. 1884-85	28,500	0	0									
Do. 1885-86	30,000	0	0									
Do. 1886-87	31,000	0	0									
Do. 1887-88	25,500	0	0									

Do.	1888-89			42,500	0	0			
Do.	1889-90			35,500	0	0			
Do.	1890-91			31,000	0	0			
Do.	1891-92			36,500	0	0			
Do.	1892-93			48,000	0	0			
Do.	1893-94			45,500	0	0			
Do.	1894-95			34,000	0	0			
Do.	1895-96			60,500	0	0			
Do.	1896-97			40,500	0	0			
Do.	1897-98			58,000	0	0			
Do.	1898-99			53,000	0	0			
							7,26,000	0	0
									19,68,000	0	0
5 per cent. 44 Lakhs Sanitary Works Loan of 1885-86							44,00,000	0	0		
Less—Paid in 1886-87				7,000	0	0			
Do.	1887-88			4,43,000	0	0			
Do.	1890-91			51,000	0	0			
Do.	1895-96			1,60,000	0	0			
							6,61,000	0	0		
									37,39,000	0	0
5 per cent. 7 Lakhs Sanitary Works Loan of 1888									7,00,000	0	0
Do. 12 Lakhs Drainage and Water Works Loan—											
Instalment raised in 1887-88				6,00,000	0	0			
Do.	do.	1888-89		6,00,000	0	0			
							12,00,000	0	0		
Add—Net Premium received in 1888-89							26,887	8	0		
							12,26,887	8	0		
Less—Premium transferred to current revenue as per Municipal Corporation's Resolution No. 9222, dated 11th December 1893							26,887	8	0		
									12,00,000	0	0
5 per cent. Miscellaneous Works Loan of Rs. 10,08,500—											
Instalment raised in 1888-89 (Rs. 2,22,000 + Rs. 1,48,500)				3,70,500	0	0			
Do.	1889-90			6,38,000	0	0			
							10,08,500	0	0		
Add—Net Premium received in 1888-89				13,232	4	6			
Do.	1889-90			40,616	14	0			
							53,849	2	6		
Less—Premium transferred to current revenue as per Corporation's Resolution No. 9222, dated 11th December 1893							10,62,349	2	6		
							53,849	2	6		
									10,08,500	0	0
Carried over	Rs.								86,15,500	0	0	25,15,957	2

MUNICIPAL FUND—Schedule of Liabilities on 31st March 1899—*continued.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward.....Rs.			86,15,500 0 0	25,15,957 2 0
5 per cent. Agripada House Sullage Water Connections Loan of Rs. 2,48,000—				
Instalment raised in 1889-90	94,000 0 0			
Balance raised in 1890-91	1,54,000 0 0			
		2,48,000 0 0		
Add—Net Premium received in 1890-91		4,722 8 0		
		2,52,722 8 0		
Less—Premium transferred to current revenue as per Corporation's Resolution No. 9222, dated 11th December 1893		4,722 8 0		
			2,48,000 0 0	
5 per cent. 35 Lakhs Various Sanitary Works Loan—				
Raised in 1890-91	34,47,000 0 0			
Balance raised in 1891-92	53,000 0 0			
		35,00,000 0 0		
Add—Net Premium received in 1890-91	81,252 5 2			
Less—Stamp, &c., charges paid on the bonds for Rs. 53,000 issued in 1891-92	283 1 0			
		80,969 4 2		
		35,80,969 4 2		
Less—Premium transferred to current revenue as per Corporation's Resolution quoted above		80,969 4 2		
			35,00,000 0 0	
5 per cent. Tansa Water Works Loan of Rs. 147 Lakhs—				
Instalment raised in 1886-87	17,00,000 0 0			
Do. 1887-88	30,00,000 0 0			
Do. 1888-89	25,00,000 0 0			
Do. 1889-90	25,00,000 0 0			
Do. 1890-91	25,00,000 0 0			
Do. 1891-92	25,00,000 0 0			
		1,47,00,000 0 0		
Add—Net Premium received on the instalment raised in 1888-89	1,47,540 12 0			
Do. do. do. 1889-90	74,724 15 4			
Do. do. do. 1890-91	84,140 5 8			
	2,56,406 1 0			
Deduct—Stamp, &c., charges paid on the bonds of the last instalment of Rs. 25 Lakhs issued in 1891-92	12,566 6 6			
		2,43,839 10 6		

Less—Premium transferred to current revenue as per Corporation's Resolution quoted above				1,49,43,839	10	6			
				2,43,839	10	6			
							1,47,00,000	0	0
5 per cent. Municipal Building Loan of 8 Lakhs issued in 1891-92							8,00,000	0	0
4 per cent. Loan of 4½ Lakhs for Fire Brigade Quarters and Stations—									
Issued in 1892-93				2,50,000	0	0			
Raised in 1893-94				2,00,000	0	0			
							4,50,000	0	0
4 per cent. Loan of 42 Lakhs for repayment of balances of the 4½ per cent. Government Consolidated Loan—Raised in 1893-94							42,00,000	0	0
4 per cent. Loan of 23¾ Lakhs for the construction of Drainage, Water Works, Roads and other works—									
Raised in 1893-94				13,00,000	0	0			
Do. in 1895-96				10,25,000	0	0			
							23,25,000	0	0
Loan of 15¾ Lakhs for the construction of Sewerage, Wari Bunder, &c., Roads, Burial ground, and certain Water Works—									
1st Instalment raised in 1896-97 at 3½ per cent. interest per annum							10,00,000	0	0
Temporary Loan of 15 lakhs (part of the 25 Lakhs Loan for Sewerage, &c., Works)							15,00,000	0	0
Temporary Loan for Plague expenses—Taken up in 1897-98				12,00,000	0	0			
Do. do. do. on 1st July 1898				8,00,000	0	0			
							20,00,000	0	0
									3,93,38,500 0 0
DEPOSITS, &c.—									4,18,54,457 2 0
Deposits on account of works performed for private parties	7,261	1	6						
Do. of Contractors, &c. (in cash)	2,81,572	4	11						
				2,88,833	6	5			
Do. of Contractors' Government, &c., Paper (lodged at the Bank of Bombay)	1,89,500	0	0						
Do. do. do. (kept in office)	7,100	0	0						
Do. on account of Sir Munguldas Nuthoobhoy's Clock	500	0	0						
				1,97,100	0	0			
Government of Bombay on account of Income Tax—							4,85,933	6	5
Through Chief Accountant on account of Establishments				37	15	1			
Do. do. do. Wheel Tax				30	0	0			
							67	15	1
							4,86,001	5	6
Loan Works Establishment, Executive Engineer's Department							17,869	15	8
							5,03,871	5	2
GOVERNMENT PROVISIONAL PLAGUE CONTRIBUTION							14,50,000	0	0
									19,53,871 5 2
							Total Liabilities...Rs.		4,38,08,328 7 2

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 5.
MUNICIPAL FUND.

Schedule of Assets on 31st March 1899.

ASSETS.	Rs. a. p.	Rs. a. p	Rs. a. p.	Rs. a. p.
Cash Balance on 31st March 1899				10,56,879 9 11
ADVANCES RECOVERABLE—				
Municipal Officers—				
Assessor and Collector	844 0 0			
Chief of the Fire Brigade	200 0 0			
Engineer, Water	4,869 0 4			
Do. Municipal	9,716 8 4			
Do. Drainage	1,988 13 10			
Chief Accountant	65 2 4			
Municipal Commissioner	5,072 12 0			
Municipal Secretary	50 0 0			
Secretary and Curator, Victoria and Albert Museum	400 0 0			
Superintendent of Markets	150 7 6			
Do. Municipal Workshops	50 0 0			
Do. Victoria Gardens	665 10 1			
Health Officer	39,795 15 10			
Divisional Health Officer, No. 1 Division	15 8 0			
Do. do. 2 do.	111 4 2			
Do. do. 3 do.	10 0 0			
Do. do. 4 do.	0 8 0			
	64,005 10 5			
PLAGUE OFFICERS:—				
Lieut. W. J. W. Brackenbury ... Rs. 50 0 0				
„ C. Lewis (Store Officer, Parel) ... „ 300 0 0				
„ C. Lewis (Dr. Officer, F & G Wards) ... „ 100 0 0				
„ W. C. French ... „ 200 0 0				
Asstt. Surgeon P. V. Shikare ... „ 50 0 0				
Dr. D. A. Turkhad ... „ 10 0 0				
Lieut. G. Warneford ... „ 250 0 0				
„ Strong ... „ 39 14 0				
„ Firth ... „ 500 0 0				
Dr. L. B. Dhargulker ... „ 50 0 0				
Sirdar Mahomed Yakub ... „ 100 0 0				
Lieut. W. Light ... „ 250 0 0				
Captain H. W. Pritchard ... „ 50 0 0				
	1,949 14 0			
		65,955 8 5		

Government of Bombay on account of Plague charges			1 8 0		
Pay of establishment, &c., for preparing the plans and estimates of Naserwanji M. Petit Public Hall			208 0 5		
Workshops (Private and Departmental Works)	20,513 2 10		66,165 0 10		
Engineer's Department (Private Works)	54,162 13 3				
Do. do. (Departmental Works)	29,302 1 2		1,03,978 1 3		
			1,70,143 2 1		
Contractors, &c.—					
Water Connection Application Forms (W. W. Dept.)	57 12 0				
Building Certificate Forms (Building Dept.)	51 0 0				
Do. Repairs do. (do.)	97 0 0				
	205 12 0				
Bulkley & Co. Rs. 1,734 12 0					
Richardson & Cruddas „ 46,577 5 7					
	48,312 1 7		48,517 13 7		
INVESTMENTS—					
Bank of Bombay Surplus Cash (Munl. & Port Trust Debentures) Deposit			94,490 0 0		2,18,660 15 8
Current Account Deposit of Surplus Funds with the Hongkong and Shanghai Banking Corporation	1,01,612 2 7				
Do. do. do. with the Comptoir National d'Escompte de Paris	1,01,609 14 1				
Do. do. do. with the Chartered Bank of India, Australia and China	1,01,948 3 0				
Do. do. do. with the National Bank of India	1,01,442 3 1		4,06,612 6 9		
Bank of Bombay on account of 5 per cent. Municipal Debentures belonging to different Loan, &c., Funds pledged as security against a temporary Loan taken up from the Bank pending the raising of a permanent Loan			5,01,102 6 9		
			12,80,000 0 0		
Bank of Bombay, Municipal Buildings Fire Insurance Fund—					
Municipal Debentures, &c., Deposit Rs. 36,591 14 0			17,81,102 6 9		
Cash Deposit „ 505 13 10					
	37,097 11 10				
Do. Worn-out Water Mains Renewal Fund—					
Municipal Debentures, &c., Deposit Rs. 3,12,826 4 0					
Cash Deposit „ 415 12 5					
	3,13,242 0 5				
Do. Net Premia, &c., Fund—					
Municipal Debentures, &c., Deposit Rs. 3,18,062 14 0					
Cash Deposit „ 286 15 11					
	a3,18,349 13 11				
Do. School Building Fund—					
Government Paper Deposit Rs. 52,672 3 0					
Cash Deposit „ 48 14 0					
	52,721 1 0				
			7,21,410 11 2		
Carried over...Rs.			25,02,513 1 11	2,18,660 15 8	10,56,879 9 11

a Of this Rs. 84,598-2-7 belong to the Water Works Account.

MUNICIPAL FUND—Schedule of Assets on 31st March 1899—*continued.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.		25,02,513 1 11	2,18,660 15 8	10,56,879 9 11	
Bank of Bombay 5 per cent. Municipal Loans Sinking Fund—					
Municipal Debentures Deposit Rs.16,74,000 0 0					
Cash Deposit..... „ 188 8 2					
	16,74,188 8 2				
Do. 4 per cent. Municipal Loans Sinking Fund—					
Municipal Debentures,&c.,Deposit Rs. 5,56,101 4 0					
Cash Deposit..... „ 29 7 10					
	5,56,130 11 10				
Do. 3½ per cent. Municipal Loans Sinking Fund—					
Government Paper Deposit ...Rs. 31,634 1 0					
Cash Deposit..... „ 461 15 8	32,096 0 8				
		22,62,415 4 8			
		47,64,928 6 7			
Do. Contractors' Government, &c., Paper Deposit	1,89,500 0 0				
Do. Government Paper Deposit on account of Sir Mungaldas Nathoobhoy's Clock	500 0 0				
		1,90,000 0 0			
			49,54,928 6 7	51,78,589 6 3	62,30,469 0 2
RESERVE STOCK—					
General Stock (Miscellaneous).....			48,124 7 3		
Engineer, Water			4,14,541 10 11		
Do. Drainage.....			3,95,467 9 9		
Do. Executive			17,420 11 11		
				8,75,554 7 10	
PROPERTY AND BUILDINGS BOOKED—					
Bandora Slaughter-houses.....	2,34,297 12 8				
Workshop and Store Shed	1,49,079 7 1				
Girgaum Police Court (share of)	34,000 0 0				
		4,17,377 3 9			
Markets—					
Nal Bazar Market	1,50,770 1 7				
Fort Market	22,066 7 11				
Bbuleshwar Market.....	64,780 15 4				
Arthur Crawford Market	11,39,410 11 6				
		13,77,028 4 4			
		17,94,405 8 1			
PROPERTY, &c., not booked (as per Valuation List of 1883-84)		*45,37,835 11 11			
			63,32,241 4 0		

ROADS, OVERBRIDGES, DRAINAGE, WATER AND OTHER WORKS EXECUTED OUT OF LOAN FUNDS—	Up to 1897-98. Rs. a. p.	1898-99. Rs. a. p.	Total.		
I. Overbridges	1,97,563 0 1	.....	1,97,563 0 1		
II. Foras Road	1,12,418 14 10	.....	1,12,418 14 10		
III. Nowrojee Hill Road	57,913 3 0	.....	57,913 3 0		
	3,67,895 1 11	.....	3,67,895 1 11	3,67,895 1 11	
Drainage Works—					
I. Fort Sewers	78,627 4 8	.....	78,627 4 8		
II. Kamathipura Drain	1,91,047 8 10	.....	1,91,047 8 10		
III. Drains in Panaswadi and Agiary Lane	1,852 12 3	.....	1,852 12 3		
IV. Branch Sewer, Bellasis Road	7,108 6 1	.....	7,108 6 1		
	2,78,635 15 10	.....	2,78,635 15 10	2,78,635 15 10	
Total Overbridges, Roads, &c.... Rs.	6,46,531 1 9	.....	6,46,531 1 9	6,46,531 1 9	
LOAN WORKS—					
SURFACE DRAINAGE—					
Executed out of the Rs. 6 Lakhs included in the Government Consolidated Loan and Rs. 8,12,000 Loan (one of the three Sanitary Works Loans aggregating Rs. 44 Lakhs)—					
Widening Love Grove Sluices	1,57,326 7 7	.....	1,57,326 7 7		
Culverts, &c., under B. B. & C. I. Railway near Bellasis Road	1,791 0 8	.....	1,791 0 8		
Khetwadi Survey	5,599 10 0	.....	5,599 10 0		
Raising level of Khetwadi Road	28,355 0 1	.....	28,355 0 1		
Do. private compounds in Khetwadi	25,336 2 1	.....	25,336 2 1		
Three branch drains in Khetwadi and storm-water entrances	31,711 15 6	.....	31,711 15 6		
Intercepting drain, Tardeo District, and storm-water entrances	1,69,851 10 4	.....	1,69,851 10 4		
Making connection between low-level sewer and new main drain	2,610 8 10	.....	2,610 8 10		
Intercepting drain from Pydhoni to Bellasis Road and storm-water entrances	3,03,229 3 9	.....	3,03,229 3 9		
Enlarging old open main drain	71,318 13 5	.....	71,318 13 5		
Laying a new 24" main and removing old 24" Tulsi main and filling up the Haines Road entrances	74,226 14 0	.....	74,226 14 0		
Constructing Storage Reservoir on the Flats and raising level of manholes in sewers	1,86,225 12 6	.....	1,86,225 12 6		
Establishment	1,21,413 0 0	.....	1,21,413 0 0		
Contingencies	63,627 6 11	.....	63,627 6 11		
Improving the Worlee storm-water drain, widening the channel south of Love Grove Sluices and other petty works	79,510 9 7	.....	79,510 9 7		
Total Surface Drainage Works ...Rs	13,22,134 3 3	.....	13,22,134 3 3	13,22,134 3 3	
Loan Works continued and carried over Rs.	19,68,665 5 0	.....	19,68,665 5 0	19,68,665 5 0	
			Carried over...Rs.	63,32,241 4 0	8,75,554 7 10	62,30,469 0 2

a Excluding premia amounting to Rs. 1,680 paid on investments made in 1898-99 which were met out of the net premia &c., Fund.
b Excluding premia aggregating Rs. 16,920 paid on the investments made in 1896-97 and 1897-98 which were met out of the net Premia, &c., Fund.
c Excluding premia amounting to Rs. 393-2-0 paid on the investments made in 1897-98 which were met out of the net premia, &c., Fund.
* Properties, &c., acquired from Current Revenue since 1883-84 remain unbooked.

	Up to 1897-98. Rs. a. p.	1898-99. Rs. a. p.	Total. Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
		Brought forward ...Rs.				63,92,241 4 0	8,75,554 7 10	62,30,469 0 2
Loan Works continued and brought forward.	19,68,665 5 0	.....	19,68,665 5 0	19,68,665 5 0	19,68,665 5 0			
DRAINAGE, *viz.*—								
Executed out of the Drainage Works portion of the Loan of Rs. 26,94,000 of 1878—								
Main Sewers	4,92,691 8 2	.....	4,92,691 8 2					
Pipe Sewers	2,80,829 1 7	469 13 0	2,81,298 14 7					
Outfall Sewers	2,55,766 10 0	.....	2,55,766 10 0					
New Pumping Machinery	98,289 9 6	.....	98,289 9 6					
New Engine-house	95,742 3 9	.....	95,742 3 9					
Kamathipura Drainage	76,471 4 6	.....	76,471 4 6					
Clerk Road Ovoid Sewer	39,259 5 11	.....	39,259 5 11					
Government Commission Charges	5,211 15 9	.....	5,211 15 9					
Preliminary Expenses	13,429 6 5	.....	13,429 6 5					
Departmental Works	1,072 1 3	.....	1,072 1 3					
Compensation for Land	18,831 11 1	.....	18,831 11 1					
Proportion of cost of Repairs to Roads (opened for the works)	34,372 14 7	.....	34,372 14 7					
Miscellaneous Charges	22,302 15 7	.....	22,302 15 7					
Establishment	1,45,000 0 0	.....	1,45,000 0 0					
Contingencies	51,167 7 9	.....	51,167 7 9					
Repairs to old Main Drain at Falkland Road	2,093 13 5	.....	2,093 13 5					
	16,32,532 1 3	469 13 0	16,33,001 14 3	16,33,001 14 3				
Executed out of 15 Lakhs Loan (one of the three Sanitary Works Loans of 1885-86 aggregating Rs. 44 Lakhs)—								
House connections without privy fittings, 1st Drainage Section	3,68,608 13 2	74,063 14 10	4,42,672 12 0					
Shaft ventilators throughout the 1st Drainage Section	44,947 0 6	.....	44,947 0 6					
Closing storm-water openings in Frere Road Sewer	17,108 9 6	.....	17,108 9 6					
Two more Pumping Engines	98,438 1 9	.....	98,438 1 9					
Queen's Road Intercepting Sewer	1,53,969 0 0	.....	1,53,969 0 0					
House Connections Survey	4,561 13 3	.....	4,561 13 3					
Do. (Kamathipura Drainage	34,977 7 5	.....	34,977 7 5					
Establishment Charges	88,869 0 0	.....	88,869 0 0					
	8,11,479 13 7	74,063 14 10	8,85,543 12 5	8,85,543 12 5				

Executed out of Rs. 20,88,000 Loan (one of the three Sanitary Works Loans of 1885-86 aggregating Rs. 44 Lakhs)—					
Pipe Sewer from Clare Road along south portion of Haines and DeLisle Roads ...	1,14,260 0 7	.....	1,14,260 0 7		
Pipe Sewer from Parel Workshops to Clarke Road Ovoid Sewer	65,793 9 11	.....	65,793 9 11		
Extension of Clarke Road Ovoid Sewer to Parel Road	35,569 8 0	.....	35,569 8 0		
Ovoid Sewer across the Old Race Course...	59,746 13 2	.....	59,746 13 2		
Ovoid Sewer from the Crawford Markets down Hornby Road to Bazar Gate, thence to the Mint	89,401 11 9	.....	89,401 11 9		
Establishment.	36,309 0 0	.....	36,309 0 0		
	4,01,080 11 5	.....	4,01,080 11 5	4,01,080 11 5	
Executed out of the 7 Lakhs Sanitary Works Loan of 1888—					
Excess expenditure incurred on the Queen's Road Intercepting Sewer	9,633 10 8	.....	9,633 10 8		
Fort Drainage	3,68,422 5 9	.....	3,68,422 5 9		
Establishment Charges	39,419 0 0	.....	39,419 0 0		
Side Drain along Wadi Bunder Road	4,934 0 1	.....	4,934 0 1		
Pipe Sewer in certain lanes in Khetwadi ...	5,282 6 0	.....	5,282 6 0		
New works at Love Grove Pumping Station.	34,645 9 6	.....	34,645 9 6		
	4,62,337 0 0	.....	4,62,337 0 0	4,62,337 0 0	
Executed out of the 12 Lakhs Drainage and Water Works Loan of 1888—					
Queen's Road Pipe Sewers, including Contingencies.....	6,09,998 4 2	.....	6,09,998 4 2		
Do. House Connections	2,05,306 0 9	.....	2,05,306 0 9		
Contingencies and Establishment	86,132 14 3	.....	86,132 14 3		
	9,01,437 3 2	.....	9,01,437 3 2	9,01,437 3 2	
Executed out of the Miscellaneous Works Loan of Rs. 10,08,500 of 1888-89—					
Extension of Parel Road Storm-water Drain to Shepherd Road and Storm-water Drain from Bellasis Road to 3rds the length of Ripon Road	41,106 6 9	.....	41,106 6 9		
Pipe Sewer along Bellasis Road, Foras Road and Gilder Street	17,290 8 1	.....	17,290 8 1		
	58,396 14 10	.....	58,396 14 10	58,396 14 10	
...ge Works continued and carried over Rs.	42,67,263 12 3	74,533 11 10	43,41,797 8 1	43,41,797 8 1	
				5 0	19,68,665 5 0
				63,82,241 4 0	8,75,554 7 10 62,30,469 0 2

MUNICIPAL FUND—Schedule of Assets on 31st March 1899—*continued.*

	Up to 1897-98	1898-99.	Total.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Rs. a. p.	Rs. a. p.	Rs. a. p.				
		Brought forward ...Rs.		Rs. a. p.		63,32,241 4 0	8,75,554 7 10	62,30,469 0 2
Loan Works continued and brought forward...	19,68,665 5 0	.....	19,68,665 5 0	19,68,665 5 0	19,68,665 5 0			
Drainage Works continued & brought forward	42,67,263 12 3	74,533 11 10	43,41,797 8 1	43,41,797 8 1				
Executed out of the Loan of Rs. 2,48,000—								
House sullage water connections at Agripada	2,33,533 12 10	.....	2,33,533 12 10	2,33,533 12 10				
Executed out of the 35 Lakhs Various Sanitary Works Loan—								
Sewer flushing arrangements	13,864 7 3	.....	13,864 7 3	13,864 7 3				
Executed out of the Loan of Rs. 23½ Lakhs—								
Pumps and Steam Engines required for the working of the Love Grove Pumping Station	4,63,345 8 6	.....	4,63,345 8 6					
Sewerage of Colaba.....	8,19,311 11 0	*Cr. 780 5 6*	8,18,531 5 6					
Do. of Umerkhadi District	3,47,076 11 8	141 14 9	3,47,218 10 5					
Storm-water drains in different places...	21,819 11 2	.....	21,819 11 2					
Do. in Connaught & Sussex Roads	35,923 15 9	.....	35,923 15 9					
Do. in Morland, Souter and Club Roads and Gilder Street ...	79,644 0 2	.....	79,644 0 2					
Miscellaneous extensions and improvement of drains	33,664 6 1	.....	33,664 6 1					
	18,00,786 0 4	*Cr. 638 6 9*	18,00,147 9 7	18,00,147 9 7				
Executed out of the 15¾ Lakhs Loan—								
Sewerage of the Mazagon District on gravitation system	2,55,871 13 1	17,649 6 8	2,78,521 3 9					
Sewerage of Malabar and Khamballa Hills on gravitation system	1,29,386 3 3	.....	1,29,386 3 3					
Raising sewage in Queen's Road Sewer...	1,862 0 0	.....	1,862 0 0					
Sewerage of Fergusson Road and Chinchpokli District	35,660 10 11	4,168 13 6	39,829 8 5					
Sewerage of old Race Course District on gravitation system.....	37,482 9 11	1,556 14 2	39,039 8 1					
	5,10,263 5 2	23,375 2 4	5,33,638 7 6	5,33,638 7 6				

Executed out of the 25 Lakhs Loan—								
Machinery for the Sewerage of the Parel, the Mazagon, &c., Sectional Districts ...	1,0[illegible],394 3 11	2,19,667 7 11	3,22,061 11 10					
Mazagon District—Sectional	3,118 2 [illegible]	21,111 14 11	24,230 0 11					
Storm-water drain from Wellington Fountain *via* Bandstand to the Sea ...	33,689 13 1	3,032 6 1	36,722 3 2					
	1,39,202 3 0	2,43,811 12 11	3,83,013 15 11	3,83,013 15 11				
Executed out of the 19½ Lakhs Loan—								
Improvement in the existing road-side drains along Bhoivada Cross Road and new side-drains along portion of Dadar Road, &c.	122 12 0	14,087 2 2	14,209 14 2					
Surface Drainage of Kamatipura.....	.....	50,741 4 11	50,741 4 11					
	122 12 0	64,828 7 1	64,951 3 1					
Executed out of Savings on different Loans—				64,951 3 1				
Main sewerage of Parel	22,121 7 8	.....	22,121 7 8					
Arching over with brick masonry the main drain at Arthur Road Crossing ...	15,655 0 4	.....	15,655 0 4					
Laying branch pipe sewers in the village of Parel	17,527 13 11	.....	17,527 13 11					
Completing the storm-water drain from the top of Bazar Gate Street to the Salvation Army Hall, Hornby Road ...	14,460 2 7	.....	14,460 2 7					
9" Pipe Sewer in Lalwadi	2,087 8 2	.....	2,087 8 2					
Pipe Sewer in Currey Road.....	2,595 15 5	.....	2,595 15 5					
Sewerage of Parel on the gravitation system	62,081 1 5	.....	62,081 1 5					
Storm-water drain in Cruickshank Road.	17,337 6 0	.....	17,337 6 0					
Laying a 9" pipe line at Parel village ...	878 7 3	.....	878 7 3					
Laying 9" pipes for the carriage of storm-water to the sea from the eastern half of the Wodehouse Road	1,992 1 3	.....	1,992 1 3					
Constructing a catch-pit on the Mint Rd. Sewer opposite European Genl. Hospl.	11 15 0	4,783 11 4	4,795 10 4					
Altering and ovoiding storm-water drain in Girgaum	11,436 3 9	.....	11,436 3 9					
Constructing a storm-water drain in Khetwadi	45,541 13 4	7,105 5 4	52,647 2 8					
Draining the storm-water from the Public Rd. round the Mahaluxmi Dhobiwada	1,156 0 3	.....	1,156 0 3					
Converting the old Engine-house at Love Grove into an office and godown and constructing a shred-lifter chamber with four shred-lifters	3,793 15 7	9,304 0 2	13,097 15 9					
Masonry drain from Girgaum Road passing through Night-soil Depôt and across Mathew Road	9,575 1 11	5,388 7 5	14,963 9 4					
Executed out of savings on different Loans—continued and carried over	2,28,252 1 10	26,581 8 3	2,54,833 10 1					
Drainage Works continued & carried over Rs.	69,65,036 4 10	4,05,910 11 5	73,70,947 0 3	73,70,947 0 3				
Loan Works continued and carried over Rs	19,68,665 5 0	.....	19,68,665 5 0	19,68,665 5 0	19,68,665 5 0			
					Carried over...Rs.	63,32,241 4 0	8,75,554 7 10	62,30,469 0 2

MUNICIPAL FUND—Schedule of Assets on 31st March 1899—*continued.*

	Up to 1897-98.	Brought forward.....Rs. 1898-99.	Total.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Rs. a. p.	Rs. a. p.	Rs. a. p.					
Loan Works continued and brought forward.	19,68,665 5 0	.....	19,68,665 5 0	19,68,665 5 0	19,68,665 5 0			
Drainage Works continued and brought forward.	69,65,036 4 10	4,05,910 11 5	73,70,947 0 3	73,70,947 0 3				
Executed out of savings on different Loans—continued and carried over	2,28,252 1 10	26,581 8 3	2,54,833 10 1					
Opening the public watercourse behind Mr. Cama's property at Parel and constructing a covered drain	3,362 6 7	.....	3,362 6 7					
Laying a 12" pipe from the emergent Reservoir to the Manhole in Apollo Street	3,169 7 8	.....	3,169 7 8					
Storm-water drains in different places ...	18,644 8 5	13,982 6 8	32,626 15 1					
	2,53,428 8 6	40,563 14 11	2,93,992 7 5	2,93,992 7 5				
Advanced from Surplus Balances—								
Establishment charges for the preparation of plans and estimates for the sewerage of Mazagon, Parel, and Old Race Course Districts and other works	23,215 0 0	.....	23,215 0 0					
Tracing the plans and sections of the Parel, Mazagon, and Old Race Course Districts	1,087 15 3	.....	1,087 15 3					
Survey for pipe sewers in Oomercarry and other districts	11,621 6 1	.....	11,621 6 1					
Establishment for altering drawings for sewerage of the district of Oomercarry..	458 6 9	.....	458 6 9					
Establishment for the scheme for facilitating the escape of flood water	1,084 1 8	.....	1,084 1 8					
	37,466 13 9	.....	37,466 13 9	37,466 13 9				
Total Drainage Works .. Rs.	72,55,931 11 1	4,46,474 10 4	77,02,406 5 5	77,02,406 5 5	77,02,406 5 5	63,32,241 4 0	8,75,554 7 10	62,50,469 0 2
WATER WORKS—								
Vehar Lake	45,21,943 7 9	.....	45,21,943 7 9	45,21,943 7 9				
Tulsi Water Works	37,61,888 6 0	.....	37,61,888 6 0					
Vehar Outlet Tower	2,38,111 10 0	.....	2,38,111 10 0					
	40,00,000 0 0	.....	40,00,000 0 0	40,00,000 0 0				
Service Reservoir at Bhundarwada (executed out of the Loan of Rs. 26,94,000)...	10,16,830 13 3	.....	10,16,830 13 3	10,16,830 13 3				

Executed out of 15 Lakhs Loan (one of the 3 Sanitary Works Loans aggregating Rs. 44 Lakhs)—										
Tulsi Gathering ground	60,000 0 0	.....	60,000 0 0							
Malabar Hill Reservoir	4,00,000 0 0	.....	4,00,000 0 0							
	4,60,000 0 0	.....	4,60,000 0 0							
Executed out of the Rs. 20,88,000 Loan (one of the 3 Sanitary Works Loans aggregating Rs. 44 Lakhs)—										
New Hydrants, including cost of erection	20,876 7 1	.....	20,876 7 1							
Tulsi Gathering ground	34,500 0 0	.....	34,500 0 0							
Construction of a double-storied Chawl for the Water Works Staff and Quarters for the Superintendent	29,182 3 3	.....	29,182 3 3							
Survey for New Catch-water Channels, &c.	7,838 4 1	.....	7,838 4 1							
Construction of Filter-beds at Vehar	1,04,433 15 11	.....	1,04,433 15 11							
Improvement of the water-supply of the Outlying Districts	6,82,065 0 8	.....	6,82,065 0 8							
Raising the Tulsi Dams	1,13,257 9 7	.....	1,13,257 9 7							
Providing additional Catch-water Channels at Vehar and Tulsi	91,794 0 6	.....	91,794 0 6							
Purchase of Check Meters for the prevention of waste of water	1,27,132 14 8	.....	1,27,132 14 8							
Enlarging different Mains	1,03,180 8 6	.....	1,03,180 8 6							
Cost of new Water Main from Nesbit Road to Babcola Tank	15,000 0 0	.....	15,000 0 0							
Establishment Charges	80,770 0 0	.....	80,770 0 0							
Portion of excess cost incurred on Vehar Outlet Tower	23,684 11 9	.....	23,684 11 9							
Provision of Turbine at the Malabar Hill Reservoir	2,282 0 0	.....	2,282 0 0							
	14,35,947 12 0	.....	14,35,947 12 0							
	18,95,947 12 0	.....	18,95,947 12 0	18,95,947 12 0						
Executed out of the 7 Lakhs Sanitary Works Loan—										
Malabar Hill Reservoir (extra cost)	1,14,039 2 6	.....	1,14,039 2 6							
Increasing and improving the distribution of the water-supply and providing higher levels, Tulsi District, with filtered water.	20,211 8 4	.....	20,211 8 4							
Portion of excess cost incurred on Vehar Outlet Tower	7,990 10 6	.....	7,990 10 6							
	1,42,241 5 4	.....	1,42,241 5 4	1,42,241 5 4						
Water Works continued and carried over Rs.	1,15,76,963 6 4	.....	1,15,76,963 6 4	1,15,76,963 6 4						
Loan Works continued and carried over Rs.	92,24,597 0 1	4,46,474 10 4	96,71,071 10 5	96,71,071 10 5	96,71,071 10 5		63,32,241 4 0	8,75,554 7 10	62,30,469 0 2	
			Carried over...Rs.							

MUNICIPAL FUND—Schedule of Assets on 31st March 1899—*continued.*

	Up to 1897-98.	Brought forward.....Rs. 1898-99.	Total.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Rs. a. p.	Rs. a. p.	Rs. a. p.					
Loan Works continued and brought forward	92,24,597 0 1	4,46,474 10 4	96,71,071 10 5	96,71,071 10 5	96,71,071 10 5	63,32,241 4 0	8,75,554 7 10	62,30,469 0 2
Water Works continued and brought forward.	1,15,76,963 6 4	.....	1,15,76,963 6 4	1,15,76,963 6 4				
Executed out of the 12 Lakhs Drainage and Water Works Loan—								
Laying 18" Main in Frere Road from Bhundarwada Reservoir to Carnac Road and 12" Main from Carnac Road to Mint	80,031 5 0	.....	80,031 5 0	80,031 5 0				
Executed out of the Miscellaneous Works Loan of Rs. 10,08,500—								
Concrete Trench, Waste Weir, Vehar Lake.	30,608 7 1	.....	30,608 7 1					
Mains in 14 streets west of Frere Road and other Mains in various streets	59,275 1 8	.....	59,275 1 8					
Arthur Road connection works necessitated by the laying of Tansa 27" Main.....	9,542 10 5	.....	9,542 10 5					
Deacon's Meters	16,788 0 0	.....	16,788 0 0					
Executed out of the 35 Lakhs Various Sanitary Works Loan—	1,16,214 3 2	.....	1,16,214 3 2	1,16,214 3 2				
Providing an Asphalt surface to the floor of the settling basin of the Malabar Hill Reservoir and other works in connection therewith	92,872 9 2	.....	92,872 9 2					
Pawai Water Works.....	6,60,479 6 9	.....	6,60,479 6 9					
Additional Water Mains	98,386 0 10	.....	98,386 0 10					
Extension of Catch-water Channels at Tulsi	20,836 9 1	.....	20,836 9 1					
	8,72,574 9 10	.....	8,72,574 9 10	8,72,574 9 10				
Executed out of the Tansa Loan of Rs. 147 lakhs—								
Cost of Survey of the Scheme for the carrying out of the Tansa Water-supply.								
Tansa Water Works	1,46,89,923 0 7	6,460 6 5	1,46,96,383 7 0	1,46,96,383 7 0*				
Executed out of the Loan of Rs. 23½ Lakhs—								
Extension of Water Mains in various places	28,026 6 5	.....	28,026 6 5					
Further alterations and improvements at the Malabar Hill Reservoir.....	29,626 0 5	231 14 3	29,857 14 8					
Covering Storage Basin at Bhaudarwada Reservoir and constructing Filters over it	78,476 10 3	4,577 2 11	83,053 13 2					
Road from Vehar and Tulsi with a light tramway to carry pipes	471 3 6	.....	471 3 6					
	1,36,600 4 7	4,809 1 2	1,41,409 5 9	1,41,409 5 9				

Executed out of Rs. 15,75,000 Loan—						
Improvement of the outlet towers at Vehar and Tulsi	283 14 4	.....	283 14 4	283 14 4		
Executed out of the 25 Lakhs Loan—						
New Mains in Reay and Kalachoki Road and other places	157 10 11	797 6 1	955 1 0	955 1 0		
Executed out of savings on different Loans—						
Covering Storage Basin at Bhandarwada Reservoir and constructing filters over it.	44,597 14 4	.....	44,597 14 4			
Residence for Chief Inspector of Water Works at Babula Tank Road and Rooms for 6 sluicemen	29,763 14 0	2,264 3 3	32,028 1 3			
24″ and 27″ mains from Malabar Hill Reservoir to Frere Fountain, Fort	50,093 1 2	.....	50,093 1 2			
Connections at Chinchpokly between Tansa and Vehar mains	7,402 1 4	.....	7,402 1 4			
New Mains in various places	25,206 15 0	2,011 8 4	27,218 7 4			
Excess cost (chargeable to Capital) of renewing 3″ main in Worli Road with 9″ pipes	18,596 10 8	3,099 9 5	21,696 4 1			
	1,75,660 8 6	7,375 5 0	1,83,035 13 6	1,83,035 13 6		
Advanced from Surplus Balances—						
Fee to Major Tulloch for preparing report on the best means of filtration of the Tulsi water-supply in Bombay	1,877 12 0	.....	1,877 12 0			
Laying new mains in Reay and Kalachowki Roads and other places	797 6 1	*Cr. 797 6 1*	.....			
	2,675 2 1	*Cr. 797 6 1*	1,877 12 0	1,877 12 0		
	2,76,51,084 1 4	18,644 12 7	2,76,69,728 13 11			
Paid out of the Worn-out Water Mains Renewal Fund—						
Cost of renewing 3″ main in Worli Road with 9″ pipes (chargeable to Revenue)	22.729 3 9	3,788 0 0	26,517 3 9	26,517 3 9		
Total Water Works...Rs.	2,76,73,813 5 1	22,432 12 7	2,76,96,246 1 8	2,76,96,246 1 8	2,76,96,246 1 8	
ROADS—						
Executed out of Rs. 20,88,000 Loan (one of the 3 Sanitary Works Loans aggregating Rs. 44 Lakhs)—						
New Road from Bellasis Road across the Old Race Course	1,29,039 1 2	.....	1,29,039 1 2			
Establishment Charges	12,461 0 0	.....	12,461 0 0			
	1,41,500 1 2	.....	1,41,500 1 2	1,41,500 1 2		
Roads—continued and carried over Rs.	1,41,500 1 2	.....	1,41,500 1 2	1,41,500 1 2		
Loan Works contd. and carried over... Rs.	3,68,98,410 5 2	4,68,907 6 11	3,73,67,317 12 1	3,73,67,317 12 1		
			Carried over...Rs.		63,32,241 4 0	8,75,554 7 10 62,30,469 0 2

* Exclusive of Rs. 2,40,000 paid out of the Premia received on the Loan.

	Up to 1897-98. Rs. a. p.	Brought forward...Rs. 1898-99. Rs. a. p.	Total. Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p. 63,32,241 4 0	Rs. a. p. 8,75,554 7 10	Rs. a. p. 62,30,469 0 2
Loan Works continued and brought forward.	3,68,98,410 5 2	4,68,907 6 11	3,73,67,317 12 1	3,73,67,317 12 1	3,73,67,317 12 1			
Roads continued and brought forward	1,41,500 1 2	.....	1,41,500 1 2	1,41,500 1 2				
Executed out of the Miscellaneous Works Loan of Rs. 10,08,500—								
Cross Road at Mahaluxmi Station from Clark Road to Haines Road	19,594 4 8	.....	19,594 4 8					
Road through Nowroji Hill from Elphinstone Bridge to Dongree Street ...	64,798 13 0	5,138 13 0	69,937 10 0					
	84,393 1 8	5,138 13 0	89,531 14 8	89,531 14 8				
Executed out of the 35 Lakhs Various Sanitary Works Loan—								
Roads & Streets in Agripada & elsewhere	22,88,328 4 9	*Cr.8,12,546 4 8*	14,75,782 0 1					
Road from Jakeria Bunder Road to Sewri Cemetery	24,217 15 11	.....	24,217 15 11					
	23,12,546 4 8	*Cr.8,12,546 4 8*	15,00,000 0 0	15,00,000 0 0				
Executed out of the 23½ Lakhs Loan—								
Falkland Road Overbridge	14,444 15 1	637 10 3	15,082 9 4					
Wari Bunder Bridge	1,32,652 0 0	.....	1,32,652 0 0					
	1,47,096 15 1	637 10 3	1,47,734 9 4	1,47,734 9 4				
Executed out of the Loan of Rs.15,75,000—								
Wari Bunder Road.....	1,72,569 15 7	1,00,588 0 6	2,73,158 0 1					
Victoria Road	30,435 8 0	261 14 10	30,697 6 10					
	2,03,005 7 7	1,00,849 15 4	3,03,855 6 11					
Less—Contribution paid by the Port Trust towards the construction of the Wari Bunder Road	1,56,500 0 0	.....	1,56,500 0 0					
	46,505 7 7	1,00,849 15 4	1,47,355 6 11	1,47,355 6 11				
Executed out of Savings on different Loans— Providing and fixing new pattern hydrants for Road watering and Fire Brigade purposes	47,379 4 4	973 8 10	48,352 13 2	48,352 13 2				

Advanced from Surplus Balances—								
Purchase of land at the junction of Ferguson and DeLisle Roads as a portion of the site of the proposed overbridge thereat	1,984 0 0	.....	1,984 0 0					
Diversion of Arthur Road over the Masonry Culvert	86 8 0	16,180 3 1	16,266 11 1					
Land for a portion of the site of the approach road to the proposed Overbridge at Currey Road	7,388 3 10	.....	7,388 3 10					
Purchase of land at Cavel Street in connection with a new Street thereat	.....	1,556 13 4	1,556 13 4					
	9,458 11 10	17,737 0 5	27,195 12 3	27,195 12 3				
Total Roads...Rs.	27,88,879 14 4	*Cr.6,87,209 4 10*	21,01,670 9 6	21,01,670 9 6	21,01,670 9 6			
MISCELLANEOUS WORKS—								
Executed out of the Rs. 20,88,000 Loan (one of the three Sanitary Works Loans aggregating Rs. 44 Lakhs)—								
Enlargement of the Dhobi Lines at Mahaluxmi	28,499 12 3	.....	28,499 12 3					
Chawl for Gowlees working at Agripada								
Milch Cattle Stables	6,129 13 6	.....	6,129 13 6					
Health Department Stables, Bori Bunder	43,677 13 3	.....	43,677 13 3					
Establishment charges	8,803 2 6	.....	8,803 2 6					
	87,110 9 6	.....	87,110 9 6	87,110 9 6				
Executed out of the 35 Lakhs Various Sanitary Works Loans—								
Chawls for Halalkhores in Cursetji Sookhlaji Street	88,460 8 2	.....	88,460 8 2					
Purchase of Land on the Flats required for the disposal of Town Sweepings	1,98,913 8 8	.....	1,98,913 8 8					
Health Department Bullock Stables and Quarters for Scavengers	44,437 1 5	.....	44,437 1 5					
	3,31,811 2 3	.....	3,31,811 2 3	3,31,811 2 3				
Executed out of the Loan of 23½ Lakhs—								
Purchase of Land on the Flats for the deposit of Kutchra	5,890 14 1	.....	5,890 14 1	5,890 14 1				
Executed out of the Loan of Rs. 15,75,000—								
Burial Ground for Mahomedans and Beni-Israels	2,02,659 8 1	3,707 1 0	2,06,366 9 1	2,06,366 9 1				
Miscellaneous Works contd. & carried over Rs.	6,27,472 1 11	3,707 1 0	6,31,179 2 11	6,31,179 2 11				
Loan Works continued and carried over Rs...	3,93,87,290 3 6	*Cr.3,13,501 13 11*	3,94,68,988 5 7	3,94,68,988 5 7	3,94,68,988 5 7	63,32,241 4 0	8,75,554 7 10	62,30,469 0 2
				Carried over...Rs.				

MUNICIPAL FUND—Schedule of Assets on 31st March 1899—*concluded.*

	Up to 1897-98 Rs. a. p.	Brought forward 1898-99 Rs. a. p.	Total. Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Loan Works continued and brought forward...	3,96,97,290 3 6	*Cr.2,18,301 13 11*	3,94,78,988 5 7	3,94,68,988 5 7	3,94,68,988 5 7	63,32,241 4 0	8,75,554 7 10	62,30,469 0 2
Miscellaneous Works continued & brought forward	6,27,472 1 11	3,707 1 0	6,31,179 2 11	6,31,179 2 11				
Executed out of the 25 Lakhs Loan—								
Disposal of Town Sweepings at Chimbhur.	2,48,946 1 0	3,53,671 5 11	6,02,617 6 11					
Purchase of Land at Mount Road from Mr. Ashburner for extension of Burial Ground for Mahomedans	1,17,046 0 6	.....	1,17,046 0 6					
Purchase of Land in Narielwadi for future extension of Burial ground for Mahomedans	74 12 0	45,531 2 4	45,605 14 4					
Extension of the Burial Ground at Sewri Cemetery	.....	40,818 7 0	40,818 7 0					
	3,66,066 13 6	4,40,020 15 3	8,06,087 12 9	8,06,087 12 9				
Executed out of 19½ Lakhs Loan—								
Purchase of two sites of land for burning and burial grounds at Mahim (including cost of enclosure walls, &c.)	.....	11,158 0 0	11,158 0 0	11,158 0 0				
Executed out of Savings on different Loans—								
Latrines at Colaba	1,732 10 8	307 1 3	2,039 11 11	2,039 11 11				
ADVANCES FROM SURPLUS BALANCES—								
Health Department Stables in F and G Wards	68,120 8 2	.....	68,120 8 2					
Health Department Bigaries' Chawl at Bori Bunder.....	50,058 0 7	.....	50,058 0 7					
	1,18,178 8 9	.....	1,18,178 8 9	1,18,178 8 9				
Total Miscellaneous Works...Rs.	11,13,450 2 10	4,55,193 1 6	15,68,643 4 4	15,68,643 4 4	15,68,643 4 4			
MARKETS—								
Executed out of the Miscellaneous Works Loan of Rs. 10,08,500—								
New Market at Colaba	44,393 15 11	.....	*44,393 15 11					
Erskine Road Market Extension	3,99,758 0 0	.....	†3,99,758 0 0					
Arthur Crawford Markets—Extension of the Mutton Market	42,754 2 9	.....	42,754 2 9					
	4,86,906 2 8	.....	4,86,906 2 8	4,86,906 2 8				

| | | |

No.

WATER WORKS

INCOME FOR 1898-99.

INCOME.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Water Tax (through Assessor and Collector)	14,83,389 5 7		
Less—Errors adjusted as per details given at page 176	554 10 11		
	14,82,834 10 8		
Less—Refunds	12,427 7 6		
		14,70,407 3 2	
Miscellaneous Water Works Revenue—			
Rent of water meters.....Rs. 14,845 4 0			
Less—Refunds..... „ 15 0 0			
	14,830 4 0		
Net profit on sale or issue of stores—			
Profit.....Rs. 12,761 0 2			
Less—Loss..... „ 3,922 12 2			
	8,838 4 0		
Sale of grass, rights of taking fruits, fishing in tanks, &c.	1,999 0 0		
Recovery for wear and tear of tools	999 15 9		
Sale proceeds of unserviceable tools and plant, &c.	1,145 15 11		
Fees for testing water pipes, fittings, &c.	623 15 0		
Profit and commission on private works	514 10 7		
Ground rent	130 0 0		
Fees for disconnecting service pipes	195 0 0		
Sale of tender forms	37 0 0		
Profit on sale of water-application forms	132 4 0		
Supplying copies of office records, giving evidence, &c.	15 0 0		
Hire of pressure gauges, pumps, &c.	37 12 6		
Value of pipes, &c., removed from Worli Road	1,659 2 3		
		30,563 4 0	
		*15,00,970 7 2	
Interest on the Worn-out Water Mains Renewal Fund Investment	†14,986 15 8		
Do. Net Premia, &c., Fund Investment	†4,055 4 11		
		19,042 4 7	
			15,20,012 11 9
Difference (Expenditure in excess of Income)			78,143 11 4
		Rs. Total...	15,98,156 7 1

* *Vide* page 178. † *Vide* page 190.

W. PEARSON,
Acting Chief Accountant.

6.

ACCOUNT.

EXPENDITURE FOR 1898-99.

EXPENDITURE.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence (proportion of)	(a)26,987 8 4		
Assessment and Collection Charges (proportion of)	(b)27,924 0 2		
Engineer's Establishment (proportion of)	(c)12,947 12 11		
		67,169 5 5	
Maintenance of Vehar, &c., Water Works		(d)2,13,913 14 1	
		2,81,083 3 6	
New Works		(e)3,096 12 9	
		2,84,180 0 3	
Loss on account of Private Works irrecoverable bills		(f) 19 11 2	
		2,84,199 11 5	
Investment of Interest realized on the Worn-out Mains Renewal Fund Investment	(g)14,986 15 8		
Investment of Interest realized on the Net Premia, &c., Fund (W.W. Portion)	(h) 4,055 4 11		
		19,042 4 7	
		3,03,242 0 0	
Interest on Water Works Loans (Debt)—			
Vehar Debt	1,00,935 5 3		
Portion of 10 Lakhs for Bhunderwada Water Works of the Loan of Rs. 26,94,000 of 1878	37,360 12 10		
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)	80,682 9 1		
Do. do. 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)	9,519 7 2		
Do. do. 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)	4,250 0 0		
Do. do. Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000)	6,750 0 0		
Do. do. 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000)	46,000 0 0		
Do. do. 42 Lakhs Loan for repayment of balance of Government Consolidated Loan (Rs. 28,59,762)	1,14,390 7 8		
Do. do. 23¾ Lakhs Loan for Drainage and other works (Rs. 2,45,500)	9,820 0 0		
Do. do. 15¾ Lakhs Loan for Sewerage, Warli Bunder, &c., Burial Ground and Water Works (Rs. 30,000)	1,050 0 0		
Tansa Water Works Loan of Rs. 147 Lakhs	7,29,575 0 0	(i)	
		11,40,333 10 0	
Payments towards the reduction of debt or investment of Sinking Fund of the following Water Works Loans (Debt)—			
Vehar Debt	13,040 10 9		
Portion of 10 Lakhs for Bhunderwada Water Works of the Loan of Rs. 26,94,000 of 1878	20,786 14 11		
Water Works Portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)	13,184 8 10		
Do. do. 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)	1,631 14 6		
Do. do. 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)	779 2 8		
Do. do. Miscellaneous Works Loan of Rs. 10,08,500 (Rs. 1,35,000)	1,151 3 5		
Do. do. 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000)	7,622 13 9		
Do. do. 42 Lakhs Loan for repayment of balance of Government Consolidated Loan (Rs. 28,59,762)	51,407 10 0		
Water Works Portion of the 23¾ Lakhs Loan for Drainage and other works (Rs. 2,45,500)	2,629 3 7		
Tansa Water Works Loan of Rs. 147 Lakhs	42,000 0 0		
Water Works Portion of the 15¾ Lakhs Loan (Rs. 30,000)	846 10 8	(j)	
		1,54,580 13 1	
		Total...Rs.	15,98,156 7 1

(a) *Vide* page 171 (b) *Vide* page 173 (c) *Vide* page 179 (d) *Vide* page 183 (e) *Vide* page 187.
(f) " 199 (g) " 219 (h) " 99 (i) " 201 (j) " 213

W. L. HARVEY,
Municipal Commissioner.

No.

WATER WORKS

SCHEDULE OF LIABILITIES ON 31ST MARCH 1899.

LIABILITIES.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Government of Bombay on account of Vehar Debt (see page 222)				25,15,957	2	0			
Portion of 10 Lakhs for the Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878	10,00,000	0	0						
Less—Paid in 1880 ....Rs. 8,148 2 4									
Do. 1881 .... „ 8,703 11 3									
Do. 1882 .... „ 9,074 1 2									
Do. 1st Quarter of 1883 .... „ 9,629 1 3									
Do. 1883-84 .... „ 10,000 0 0									
Do. 1884-85 .... „ 10,555 8 10									
Do. 1885-86 .... „ 11,111 1 9									
Do. 1886-87 .... „ 11,481 0 0									
Do. 1887-88 .... „ 11,864 2 4									
Do. 1888-89 .... „ 13,553 7 4									
Do. 1889-90 .... „ 13,368 0 6									
Do. 1890-91 .... „ 14,105 6 9									
Do. 1891-92 .... „ 15,033 6 6									
Do. 1892-93 .... „ 15,590 3 2									
Do. 1893-94 .... „ 16,332 9 5									
Do. 1894-95 .... „ 17,260 9 3									
Do. 1895-96 .... „ 18,002 15 6									
Do. 1896-97 .... „ 18,930 15 4									
Do. 1897-98 .... „ 20,044 8 8									
Do. 1898-99 .... „ 20,786 14 11									
	2,73,570	14	3						
				7,26,429	1	9			
Water Works portion of the 44 Lakhs Sanitary Works Loan	18,98,921	0	0						
Less—Paid in 1886-87 ....Rs. 3,021 0 0									
Do. 1887-88 .... „ 1,91,186 13 2									
Do. 1888-89 .... „ 22,010 3 6									
Do. 1895-96 .... „ 69,051 10 9									
	2,85,269	11	5						
				16,13,651	4	7			
Water Works portion of the 7 Lakhs Sanitary Works Loan				1,90,389	0	0			
Do. do. of the 12 Lakhs Drainage and Water Works Loan—									
Instalment raised in 1887-88 ....Rs. 42,500 0 0									
Do. do. 1888-89 .... „ 42,500 0 0									
	85,000	0	0						
Add—Net Premium received on the instalment raised in 1888-89	1,904	8	6						
	86,904	8	6						
Less—Premium transferred to current revenue as per Corporation's Resolution No. 9222, dated 11th December 1893	1,904	8	6						
				85,000	0	0			
Water Works portion of the Miscellaneous Works Loan of Rs. 10,08,500	1,35,000	0	0						
Add—Net premium received on the instalment raised in 1888-89	8,548	4	0						
	1,43,548	4	0						
Less—Net Premium transferred to current revenue as per Corporation's Resolution No. quoted above	8,548	4	0						
				1,35,000	0	0			
Water Works portion of the 35 Lakhs Various Sanitary Works Loan	9,20,000	0	0						
Add—Net premium received on the instalment raised in 1890-91	21,713	2	8						
	9,41,713	2	8						
Less—Premium transferred to current revenue as per Corporation's Resolution quoted above	21,713	2	8						
				9,20,000	0	0			
Tansa Water Works Loan of Rs. 147 Lakhs (see page 225)	1,47,00,000	0	0						
Add—Net premium received on the instalments raised from 1888-89 to 1890-91 (see page 225)	2,43,839	10	6						
	1,49,43,839	10	6						
Less—Premium transferred to current revenue as per Corporation's Resolution quoted above	2,43,839	10	6						
				1,47,00,000	0	0			
Water Works portion of Rs. 42 Lakhs Loan raised in 1893-94 for repayment of the balance of Government Consolidated Loan				28,59,762	0	0			
Do. of 23¼ Lakhs Loan for Drainage and other Works raised in 1893-94 and 1895-96				2,45,500	0	0			
Do. of the 1st Instalment of Rs. 10 Lakhs of the Rs. 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works raised in 1896-97				30,000	0	0			
				Total...Rs.	2,40,21,688	8	4		

W. PEARSON,
Acting Chief Accountant.

7.
ACCOUNT.

SCHEDULE OF ASSETS ON 31ST MARCH 1899.

ASSETS.	Up to 31st March 1898.	In 1898-99.	Total.	Rs. a. p.
	Rs. a. p	Rs. a. p.	Rs. a. p.	
Vehar Lake	45,21,943 7 9	.....	45,21,943 7 9	
Tulsi Water Works	37,61,888 6 0	.....	37,61,888 6 0	
Vehar Outlet Tower	2,38,111 10 0	.....	2,38,111 10 0	
	40,00,000 0 0	.....	40,00,000 0 0	
Service Reservoir at Bhandarwada	10,16,830 13 3	.....	10,16,830 13 3	
	50,16,830 13 3	.....	50,16,830 13 3	
Water Works executed out of—				
The 15 Lakhs Loan (one of the three Sanitary Works Loans aggregating Rs. 44 Lakhs), see page 235	4,60,000 0 0	.....	4,60,000 0 0	
20,88,000 Loan (one of the three Sanitary Works Loans aggregating Rs. 44 Lakhs), see page 235	14,35,947 12 0	.....	14,35,947 12 0	
	18,95,947 12 0	.....	18,95,947 12 0	
7 Lakhs Sanitary Works Loan (see page 235)	1,42,241 5 4	.....	1,42,241 5 4	
12 Lakhs Drainage and Water Works Loan (see page 236)	80,031 5 0	.....	80,031 5 0	
Rs. 10,08,500 Miscellaneous Works Loan (see page 236)	1,16,214 3 2	.....	1,16,214 3 2	
35 Lakhs Various Sanitary Works Loan (see page 236)	8,72,574 9 10	.....	8,72,574 9 10	
147 Lakhs Tansa Water Works Loan (see page 236)	1,46,89,923 0 7	6,460 6 5	1,46,96,383 7 0	
23¼ Lakhs Drainage and other Works Loan (see page 236)	1,36,600 4 7	4,809 1 2	1,41,409 5 9	
15⅝ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and Water Works Loan (see page 237)	283 14 4	.....	283 14 4	
25 lakhs Loan for Sewerage, Roads and other Works (see page 237)	157 10 11	797 6 1	955 1 0	
Savings on different Loans (see page 237)	1,75,660 8 6	7,375 5 0	1,83,035 13 6	
Surplus Balances pending the raising of a Loan (see page 237)	2,675 2 1	*Cr. 797 6 1*	1,877 12 0	
Extra cost (chargeable to revenue) of renewal of 3" Water Main in Worli Road with 9" pipes—paid out of the Worn-out Water Mains Renewal Fund (see page 237)	2,76,91,084 1 4	18,644 12 7	2,76,99,728 13 11	
	22,729 3 9	3,788 0 0	26,517 3 9	
	2,76,73,813 5 1	22,432 12 7	2,76,96,246 1 8	(a) 2,76,96,246 1 8
Bank of Bombay Worn-out Water Main Renewal Fund Deposit Account	3,02,043 0 9	* 11,198 15 8	(b) 3,13,242 0 5	
Bank of Bombay Net Premia, &c., on different Municipal Loans Deposit Account	80,542 13 8	4,055 4 11	(c) 84,598 2 7	
	3,82,585 14 5	15,254 4 7	3,97,840 3 0	3,97,840 3 0
Rs.	2,80,56,399 3 6	37,687 1 2	2,80,94,086 4 8	
			Total...Rs.	2,80,94,086 4 8

(a) *Vide* page 237. (b) *Vide* page 227. (c) *Vide* page 227.

	Rs. a. p
* Amount invested in 1898-99	14,986 15 8
Amount withdrawn in 1898-99 to meet the further charges (chargeable to revenue) in connection with the renewal of 3" Water Main in Worli Road with 9" pipes (*vide* page 218)	3,788 0 0
Difference...Rs.	11,198 15 8

W. L. HARVEY,
Municipal Commissioner.

APPENDIX No. 8.

PLAGUE EXPENDITURE UP TO

31ST MARCH, 1899.

8-A.

STATEMENT showing payments made up to 31st March 1899 on account of Expenses incurred by Different Departments of the Municipality in connection with the Plague up to the formation of the Plague Committee.

	Expenditure passed and paid upto 31st March 1898 including Journal Entries.	Amount adjusted in 1898-99 by Journal entry.	Total up to 31st March 1899.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Establishment including Office Clerks, Sub-Inspectors, Peons, &c.	6,912 13 1	.....	6,912 13 1
Medical Officers, Hospital Assistants, &c..	21,625 7 2	.....	21,625 7 2
Police ramoshis	2,149 12 11	.....	2,149 12 11
Labourers, scavengers, &c.	29,114 11 4	.....	29,114 11 4
Halalcores	4,270 14 5	.....	4,270 14 5
Tile-turners	324 0 10	.....	324 0 10
Lime-washing, labour and store excluding lime	62,340 6 1	.....	62,340 6 1
Lime	72,584 8 7	.....	72,584 8 7
Medicines	8,447 2 0	.....	8,447 2 0
Disinfectants	96,561 12 9	.....	96,561 12 9
Stores	60,483 8 1	.....	60,483 8 1
Putting up segregation sheds, hospitals, &c.	22,192 11 10	.....	22,192 11 10
Cleaning and flushing drains, gullies, &c. (including extra allowance to Fire Brigade Staff)	25,889 10 2	.....	25,889 10 2
Cutting off service pipes and erecting stand-pipes, &c.	13,244 13 9	.....	13,244 13 9
Making ambulance carriages and purchase of vans and horses	1,697 0 0	.....	1,697 0 0
Removing silt, town sweepings, &c. ...	27,840 5 1	.....	27,840 5 1
Printing, stationery, advertisements, telegrams, conveyance and other miscellaneous charges	19,085 3 11	.....	19,085 3 11
Carrying out researches at the Sewri Lazaretto (including cost of office, &c., establishment under Dr. Haffkine and cost of constructing sheds, &c., at Sewri)	14,675 6 2	.....	14,675 6 2
Compensation for clothing, &c., destroyed	275 15 0	.....	275 15 0
Compensation for sheds, huts and buildings destroyed	210 0 0	.....	210 0 0
Removing and repairing old fittings and replacing new ones	273 14 5	.....	273 14 5
Cast-iron fittings	21 10 8	.....	21 10 8
Total... Rs.	4,90,221 12 3	.....	4,90,221 12 3
OUTLAY INCURRED ON PERMANENT WORKS, &c.—			
Purchase of four steam engines for gully-flushing	13,236 2 0	.....	13,236 2 0
Constructing manholes on Port Trust Estate	16,990 2 5	*Cr580 11 3*	16,409 7 2
Total... Rs.	30,226 4 5	*Cr580 11 3*	29,645 9 2
GRAND TOTAL...Rs.	5,20,448 0 8	*Cr580 11 3*	5,19,867 5 5

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

No. 8-

STATEMENT showing payments made up to 31st March 1899 on account

ESTABLISHMENT.	Payments on account of expenses incurred by the Plague Committee. From 9th March 1897 to 31st March 1898. Rs. a. p.	From 1st April 1898 to 31st March 1899. Rs. a. p.	Adjusted by journal entry in the accounts for 31st March 1899. Rs. a. p.
Central Offices, Superior	4,15,911 10 6	8,780 9 0	3 7 9
Do. Subordinate		4,062 0 8	
District Offices, Superior		52,833 12 8	
Do. Subordinate		27,275 6 1	
Hospitals, Superior		6,748 3 7	
Do. Subordinate		27,447 15 5	
Military, Naval and Police, Superior		11,258 0 3	
Do. do. Subordinate		32,855 10 9	
Labourers, Halalkhores and Scavengers		34,824 1 9	
Tile-turners		656 15 9	
	4,15,911 10 6	2,06,853 11 11	3 7 9
Contingencies	57,936 1 1	88,683 5 3	*Cr. 11 12 10*
Purchase of furniture	32,320 10 7	35,006 1 2	22 3 0
Hire of furniture	1,101 15 11	1,787 5 3	
Cooking utensils, table articles, &c.	3,002 12 7	1,380 8 1	
Food supply—Segregation Camps	32,928 0 10	19,980 15 5	5,431 13 2
Do. Hospitals			
Do. Observation Camps		10,127 10 8	*Cr. 5,431 13 2*
Disinfectants	73,612 11 5	18,923 12 5	
Lime		23,167 13 5	*Cr. 35 2 4*
Clothing	14,454 6 8	26,859 5 3	
Compensation for clothing, &c., destroyed	540 8 0	87 14 0	
Do. for huts, sheds, &c., destroyed	325 0 0		
Medicines, medical instruments, &c.	24,329 0 4	13,251 3 5	43 0 0
Taking minutes of Mahomedan Meeting	242 8 0		
Telephone connections and alterations	2,671 8 0	1,201 12 0	
Construction of District Offices and sheds	53,662 14 9	4,373 1 7	
Do. Observation camps		27,193 13 5	
Do. Hospitals		15,676 5 10	
Do. Segregation camps		2,01,886 13 8	*Cr. 20 0 0*
Segregation camps recoverable from Government		18,915 0 2	
Gratuity to Patients	643 10 0	42 1 0	
Rent of ground, godowns, &c.	12,565 6 4	14,428 3 9	*Cr. 4,429 2 7*
Railway Inspection	63,913 13 7	18,947 6 0	
Road Inspection	†19,098 8 10	6,136 7 6	
Sea Inspection	56,374 14 2	5,073 12 1	
Observation camps deducting food supply and construction	1,40,853 0 1	32,938. 4 0	*Cr. 7,902 2 3*
Assessment taxes	131 0 6	779 8 5	282 13 3
Lime washing, labour and stores, excluding lime		18,465 15 4	
Passwork expenses		2,759 0 3	
Cleaning and flushing drains, &c., including extra allowances to Fire Brigade staff, purchase of hose, coal, &c.			
Cost of researches carried out at the Sewri Lazaretto including proportion of Dr. Haffkine's salary, establishment, furnishing of his bungalow			
Removing silt, town sweepings, &c.			
Cleaning, disinfecting and repairing fittings			
Stores, firewood for cremation of dead bodies, &c.			
Pulling down and burning condemned houses			
Carried over Rs.	10,15,620 2 2	7,71,927 3 8	12,046 12 5

* Includes a debit of Re. 1 omitted from the statement for September 1898.
† Includes a credit of Re. 1 omitted from the statement for September 1898.

B.

of Plague charges incurred during the existence of the Plague Committee.

Total up to 31st March 1899.	Payments on account of expenses incurred by the Municipality.				Grand Total.
	From 1st April 1897 to 31st March 1898.	From 1st April 1898 to 31st March 1899.	Adjusted by journal entry in the accounts for 1898-99.	Total up to 31st March 1899.	
Rs a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
6,22,768 14 2	2,59,231 10 7	331 4 6 4,089 6 10 10,585 9 5 13,902 6 6 2,471 4 11 5,002 21 1 ..... 1,852 14 2 80,453 13 11 14 8 3	.... 41 9 9 ..... 144 0 0	3,28,121 3 11	9,50,890 2 1
6,22,768 14 2	2,59,231 10 7	68,703 15 7	185 0 9	3,28,121 3 11	9,50,890 2 1
96,607 9 6	31,936 15 5	6,530 1 6	1,117 6 11	39,584 7 10	1,36,192 1 4
67,348 14 9	89 8 0	733 9 6	.....	823 1 6	68,172 0 3
2,889 5 2	75 0 0	66 0 0	.....	141 0 0	3,030 5 2
4,383 4 8	.....	16 8 0	.....	16 8 0	4,399 12 8
58,340 13 5	.....	.....	96 8 0	96 8 0	58,437 5 5
4,695 13 6	.....	.....	.....	.....	4,695 13 6
1,15,669 2 11	66,797 7 10	6,296 10 1 142 3 10	..... 35 2 4	73,271 8 1	1,88,940 11 0
41,313 12 4	.....	.....	.....	.....	41,313 12 4
628 6 0	296 5 6	.....	.....	296 5 6	924 11 6
325 0 0	13,794 6 6	926 15 11	.....	14,721 6 5	15,046 6 5
37,623 8 9	1,577 10 0	2,063 6 6	.....	3,641 0 6	41,264 4 3
242 8 0	.....	.....	.....	.....	242 8 0
3,873 4 0	.....	.....	.....	.....	3,873 4 0
1,00,906 3 7	76,474 9 1	2,819 3 6 42 0 0 6,184 2 9 5,192 3 9	.... 5,937 3 3 42 0 0	91,457 7 7	1,92,363 11 2
2,01,866 13 8	....	.....	.....	5,234 3 9	2,07,101 1 5
18,915 0 2	.....	.....	.....	.....	18,915 0 2
685 11 0	.....	.....	.....	.....	685 11 0
22,564 7 6	105 5 4	205 11 4	43 15 7	355 0 3	22,919 7 9
82,861 3 7	.....	.....	.....	.....	82,861 3 7
25,235 0 4	.....	.....	*Cr. 2 0 0*	*Cr. 2 0 0*	25,233 0 4
61,448 10 3	.....	.....	.....	.....	61,448 10 3
1,74,389 1 5	.....	.....	*Cr. 42 0 0*	*Cr. 42 0 0*	1,74,347 1 5
1,193 6 2	2,604 5 6	365 13 11	.....	2,970 3 5	4,163 9 7
18,465 15 4	39,300 8 4	2,529 11 8	.....	41,830 4 0	60,296 3 4
9,759 0 3	.....	.....	.....	.....	9,759 0 3
.....	47,934 4 10	20,096 15 1	.....	68,031 3 11	68,031 3 11
.....	39,483 10 8	3,602 4 3	.....	43,085 14 11	43,085 14 11
.....	1,26,842 4 3	11,242 9 2	.....	1,38,084 13 5	1,38,084 13 5
.....	2,761 14 10	494 2 1	.....	3,256 0 11	3,256 0 11
.....	29,905 8 6	2,862 14 3	.....	32,768 7 3	32,768 7 3
.....	3,585 8 6	308 7 10	.....	3,894 0 4	3,894 0 4
17,75,500 9 5	7,42,796 15 8	1,41,426 0 0	7,413 13 10	3,91,636 13 6	26,67,137 6 11

No. 8-

STATEMENT showing payments made up to 31st March 1899 on account of Plague

	Payments on account of expenses incurred by the Plague Committee.		
	From 9th March 1897 to 31st March 1898.	From 1st April 1898 to 31st March 1899	Adjusted by journal entry in the accounts for 31st March 1899.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...	10,15,620 2 2	7,71,927 3 8	12,046 12 5
Providing sanitary arrangements and connecting Segregation Hospitals owned by Mr. Haji Cassum for Cutchee Banias and Cutchee Memons and Vaishnava Banias at Charni Road, Jakeria Masjid Street and Bhuleshwar	.....	.....	.....
Interest paid to Bank of Bombay on moneys borrowed to meet Plague charges.	.....	.....	.....
Inspection of houses in different parts of the City ...	.....	.....	.....
Cost of Professor Lustig's serum obtained from Italy ...	.....	.....	.....
Cost of preparing Lustig's curative serum in Bombay including salary of Drs. Gallioti and Polverini	.....	.....	.....
Supply of earth at Haines Road Cemetery	.....	.....	.....
Maratha Hospital and Camp	351 8 11	17,196 6 8	.....
Jain Hospital	187 14 2	353 2 3	.....
Modikhana Parsee Ward Hospital	37 14 4	610 2 2	*Cr. 166 5 9*
Arthur Road relapsing fever ward	.....	1,511 14 10	.....
Riot charges (recoverable from Government)	.....	71 6 6	.....
Kalyan Inspection do. do.	8,622 11 8	1,238 0 5	.....
Palghar do. do.	4,154 15 9	81 14 0	.....
Cutting off service pipes, erecting stand pipes, making reconnections, &c.	.....	1,774 11 2	.....
Purchase of two steam engines for gully flushing ...	.....	.....	.....
Law charges (Observation camp)	.....	182 10 0	.....
Do. (general)	.....	1,939 6 6	.....
Police Plague Hospital (recoverable from Government)...	.....	35 12 0	.....
Purchase of 3 horses for plague vans	.....	.....	.....
Disinfecting Instruction class (recoverable from Government.)	3,267 5 9	*Cr. 3,267 5 9*	.....
Cost of 6 ambulance vans with stretchers and bullock-carts for removal of dead bodies	.....	.....	.....
Mahomedan Hospital and camp	*Cr. 774 8 0*	8,991 8 8	.....
Contribution towards Private Hospitals and camps ...	1,050 0 0	.....	.....
Total...Rs.	10,32,518 0 9	8,02,045 13 1	*Cr. 12,213 2 2*
Less—			
Miscellaneous receipts	85 1 11	3,051 4 4	.....
Do. Fines and penalties	119 5 8	102 12 5	.....
Contribution by Government...	50,000 0 0	1,81,048 13 3	91,897 6 5
Private contribution towards Plague expenses ...	.....	1,000 0 0	.....
Total...Rs.	50,204 7 7	1,85,202 13 10	91,897 6 5
Grand Total...Rs.	9,82,313 9 2	6,16,842 15 3	*Cr. 1,04,110 8 7*

W. PEARSON,
Acting Chief Accountant.

B.

charges incurred during the existence of the Plague Committee.—*continued.*

Total up to 31st March 1899.	Payments on account of expenses incurred by the Municipality.				Grand Total.
	From 1st April 1897 to 31st March 1898.	From 1st April 1898 to 31st March 1899.	Adjusted by journal entry in the accounts for 1898-99.	Total up to 31st March 1899.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
17,75,500 9 5	7,42,796 15 8	1,41,426 0 0	7,413 13 10	8,91,636 13 6	26,67,137 6 11
.....	3,696 9 10	85 1 7	.....	3,781 2 5	3,781 2 5
.....	4,719 2 10	.....	.....	4,719 2 10	4,719 2 10
.....	19,896 0 2	8,155 14 11	.....	28,051 15 1	28,051 15 1
.....	2,232 15 3	3,271 15 0	.....	5,504 14 3	5,504 14 3
.....	.....	.....	.....	.....	.....
.....	.....	4,281 6 0	.....	4,281 6 0	4,281 6 0
17,546 15 7	.....	13 8 0	.....	13 8 0	17,560 7 7
541 0 5	.....	.....	.....	.....	541 0 5
481 10 9	.....	.....	.....	.....	481 10 9
1,511 14 10	.....	.....	.....	.....	1,511 14 10
71 6 6	.....	.....	.....	.....	71 6 6
9,860 12 1	.....	.....	.....	.....	9,860 12 1
4,236 13 9	.....	.....	.....	.....	4,236 13 9
1,774 11 2	16,600 6 11	970 10 10	*Cr. 2,473 0 11*	15,098 0 10	16,872 12 0
.....	5,910 0 0	.....	.....	5,910 0 0	5,910 0 0
182 10 0	.....	.....	.....	.....	182 10 0
1,339 6 6	.....	.....	.....	.....	1,339 6 6
85 12 0	.....	.....	.....	.....	85 12 0
.....	914 6 5	.....	.....	914 6 5	914 6 5
.....	.....	.....	.....	.....	.....
.....	2,730 3 7	.....	.....	2,730 3 7	2,730 3 7
8,217 0 8	.....	.....	.....	.....	8,217 0 8
1,050 0 0	.....	.....	.....	.....	1,050 0 0
18,22,350 11 8	7,99,496 3 8	1,58,204 8 4	4,940 12 11	9,62,641 8 11	27,84,992 4 7
3,186 6 3	.....	182 0 0	.....	182 0 0	3,318 6 3
222 1 11	.....	.....	.....	.....	222 1 11
3,22,946 3 8	.....	.....	.....	.....	3,22,946 3 8
1,000 0 0	.....	.....	.....	.....	1,000 0 0
3,27,304 11 10	.....	182 0 0	.....	182 0 0	3,27,486 11 10
14,95,045 15 10	7,99,496 3 8	1,58,022 8 4	4,940 12 11	9,62,459 8 11	24,57,505 8 9

W. L. HARVEY,
Municipal Commissioner.

No. 8-C.

STATEMENT showing the payments up to 31st March 1899 on account of Plague charges incurred by the Municipality after the dissolution of the Plague Committee in June 1898.

ESTABLISHMENT.	From July 1898 to 31st March 1899. Rs. a. p.	Amount adjusted in 1898-99 by Journal entry. Rs. a p.	Total up to 31st March 1899. Rs. a. p.
Central Offices, Superior	4,578 12 7	.....	4,578 12 7
Do. Subordinate	15,846 4 2	726 4 8	16,572 8 10
District Offices, Superior	53,029 9 9	.....	53,029 9 9
Do. Subordinate	63,515 0 2	231 3 11	63,746 4 1
Hospitals, Superior	6,062 3 5	.....	6,062 3 5
Do. Subordinate...	30,185 2 3	.....	30,185 2 3
Military, Naval and Police Subordinate	18,405 15 10	.....	18,405 15 10
Labourers, Halalkhors, and Scavengers	99,417 12 10	.....	99,417 12 10
Tile turners	851 14 11	.....	851 14 11
Total... Rs.	2,91,892 11 11	957 8 7	2,92,850 4 6
Establishment (recoverable f om Government)	1,586 10 11	.....	1,586 10 11
Contingencies	20,798 15 1	5,627 15 1	26,426 14 2
Purchase of Furniture...	2,605 2 4	7 1 4	2,612 3 8
Hire of Furniture	95 8 0	.....	95 8 0
Cooking utensils and table articles	35 15 6	.....	35 15 6
Food supply—Segregation Camps	235 7 9	.....	235 7 9
Do. Hospitals	28,505 4 1	.....	28,505 4 1
Do. Observation Camps	287 13 1	.....	287 13 1
Disinfectants	4,685 14 11	10,402 11 3	15,088 10 2
Lime	3,988 11 6	*Cr.* 37 11 2	3,951 0 4
Clothing	9,302 9 2	1,328 12 6	10,631 5 8
Compensation for clothing	20 2 0	.....	20 2 0
Do. huts shed, &c.	1,898 8 0	.....	1,898 8 0
Medicines, Medical Instruments, &c.	17,709 13 9	328 8 0	18,038 5 9
Telephone connections and alterations	234 4 0	.....	234 4 0
Construction of District Offices and sheds...	2,491 6 2	.....	2,491 6 2
Do. Observation Camps	1,199 7 4	.....	1,199 7 4
Do. Hospitals	7,613 6 0	222 12 5	7,836 2 5
Do. Segregation Camps	7,414 0 8	331 4 2	7,745 13 10
Rent of ground, Godowns, &c.	22,293 8 3	*Cr. 16,495 10 3*	5,797 13 7
Railway Inspection	296 13 4	.....	296 13 4
Road Inspection	990 15 2	62 0 11	1,053 0 1
Observation camps (deducting Food supply and Construction)	1,571 14 3	*Cr. 8 0 0*	1,563 14 3
Assessment taxes	704 3 0	129 3 7	833 6 7
Lime-washing, labour and stores, excluding lime ...	13,878 12 5	.....	13,878 12 5
Pass work expenses	928 5 11	.....	928 5 11
Cleaning and flushing drains, &c., including extra allowances to Fire Brigade staff, purchase of hose, coal, &c.	51,772 5 5	1,483 3 9	33,255 9 2
Cost of researches carried out at the Sewri Lazaretto including proportion of Dr. Haffkine's salary, Establishment, furnishing of his bungalow, &c.	7,835 9 6	.....	7,835 9 6
Stores and firewood for cremation of dead bodies ...	5,010 0 8	838 13 10	5,848 14 6
Pulling down and burning condemned houses	117 2 7	1 4 0	118 6 7
Inspection of houses in different parts of the city ...	25,411 7 1	.....	25,411 7 1
Cost of Professor Lustig's serum obtained from Italy	5,594 3 5	.....	5,594 3 5
Cost of preparing Professor Lustig's serum in Bombay including salary of Drs. Galliotti and Polverini ...	15,727 15 8	16 13 2	15,744 12 10
Maratha Hospital and Camp	14,869 15 6	.....	14,869 15 6
Cutting off service pipes, erecting stand pipes, making reconnections, &c.	2,652 6 7	3,921 3 6	6,573 10 1
Mahomedan Hospital and Camp	1,314 15 3	.....	1,314 15 3
Making ambulances and carts	.....	590 7 0	590 7 0
Treating downtake pipes in various parts of the City ...	.....	1,405 11 6	1,405 11 6
	5,53,522 15 2	11,114 0 9	5,64,636 15 11
Less—Miscellaneous receipts	6,062 14 0	.....	6,062 14 0
Do. Fines and Penalties	224 4 1	.....	224 4 1
Contribution by Government	.....	3,314 7 6	3,314 7 6
Private Contribution towards Plague expenses ...	.....	.....	.....
Total... Rs.	*6,287 2 1*	*3,314 7 6*	*9,601 9 7*
Grand Total... Rs.	5,47,235 13 1	7,799 9 3	5,55,035 6 4

W. PEARSON,
Acting Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

REVENUE.

Report on the working of the Assessment and Collection Department for the year 1898-99 by Mr. R. P. Brunton, Assessor and Collector, as forwarded with his letter No. 14261, dated 20th July 1899.

1. The total amount collected under all heads, exclusive of Miscellaneous Receipts, was Rs. 47,85,033-5-10, against the estimate of Rs. 48,15,100, a difference of Rs. 30,066-10-2, the falling off being in the items of Halalkhor Tax, Wheel Tax, and Tolls. The decrease in the Halalkhor Tax includes Rs. 11,390 for special Halalkhor Tax to mills, and this, with the decreases in Wheel Tax and Tolls, must be attributed to the falling off in the number of vehicles and animals kept, and to a lesser vehicular traffic into the City on account of the Plague.

2. As compared with the total collections for 1897-98, which amounted to Rs. 44,71,371-12-10, the increase for 1898-99 is Rs. 3,13,661-9-0. There was an increase of one per cent. in the General Tax for the year under report.

3. The outstandings on the 31st March 1899, including Wheel Tax, were Rs. 1,13,477-4-5, as against Rs. 1,07,100-5-2 on 31st March 1898. Out of the balance of Rs. 1,13,477-4-5, Rs. 64,129-14-2 have been accounted for up to 15th instant, leaving a balance outstanding for all previous years of Rs. 49,347-6-3, of which the main items are Disputed Bills Rs. 39,714-9-11 and Departmental Bills for Adjustment Rs. 3,365-3-2, the rest being classed as Recoverable, and a small item of Rs. 147-12-10 as Irrecoverable. I would respectfully draw attention to this favourable state of the outstandings, which, considering the unsettled state of the City during the year, both in business and number of tax-paying residents, will, I trust, meet with the approbation of the Commissioner and Corporation.

4. The total collections for the past five years, exclusive of Miscellaneous Receipts, were :—

	Rs.	A.	P.
1894-95	42,86,095	4	9
1895-96	43,51,271	11	4
1896-97	41,76,528	0	6
1897-98	44,71,371	12	10
1898-99	47,85,033	5	10

Registration of Properties.

5. The following table gives the details of the number of properties in the Assessment Book during the past five years :—

Years.	Classification of properties according to description.				Classification of properties according to liability to General Tax.			
	Buildings.	Salt-pans.	Lands (including tanks, wells, &c.)	Total.	Number assessed for the General Tax.	Number exempt or compounded for on special terms.	Small plots of unproductive lands for which no bills are issued.	Total.
1	2	3	4	5	6	7	8	9
1894-95 ...	34,265	175	17,708	52,148	40,032	4,446	7,670	52,148
1895-96 ...	35,083	175	17,241	52,499	40,318	4,493	7,688	52,499
1896-97 ...	35,495	146	17,318	52,959	40,653	4,561	7,745	52,959
1897-98 ...	35,091	146	17,928	53,165	40,685	4,578	7,902	53,165
1898-99 ...	34,805	146	18,377	53,328	40,822	4,585	7,921	53,328

6. The recorded gross assessments of properties contrasted with those for the previous four years are as under :—

Years.	Opening assessment (gross).	Amount after disposal of complaints.		Amount of subsequent reductions during the year by demolitions and complaints.	Amount after deduction of subsequent reductions.	Subsequent enhancement (New buildings, enlargements and under-assessments.)	Total gross assessments.	Classification of gross assessments.				Final difference over preceding year's assessments.	
		No. of complaints against opening assessments.	Gross assessment.					Assessments chargeable with General Tax.	Assessments exempt from General Tax.	Assessments for which no General Tax bills issued.	Total.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1894-97 ...	2,72,98,360	2,215	2,72,68,925	1,46,595	2,71,22,330	4,91,411	2,76,13,741	2,50,94,448	25,01,487	17,806	2,76,13,741	6,34,013	...
1895-96 ...	2,81,55,935	2,642	2,80,48,470	5,73,179	2,74,75,291	7,81,590	2,82,56,881	2,55,79,337	26,59,820	17,724	2,82,56,881	6,43,140	...
1896-97 ..	2,87,03,341	2,525	2,86,71,706	2,88,823	2,83,82,883	5,44,735	2,89,27,618	2,62,19,752	26,90,393	17,473	2,89,27,618	6,70,737	...
1897-98 ...	2,95,66,285	2,649	2,93,48,448	2,48,671	2,90,99,777	3,83,028	2,94,82,805	2,67,21,128	27,43,526	18,151	2,94,82,805	5,55,187	...
1898-99 ...	2,97,63,212	2,637	2,95,90,409	2,25,560	2,93,64,849	4,88,787	2,98,53,636	2,70,70,930	27,64,608	18,098	2,98,53,636	3,70,831	...

7. The increases in the assessment of private properties are as follows :—

Years.	Rise in rents and correction of under-assessments.	Erection of new buildings.	Enlargements.	Total Increase.
	Rs.	Rs.	Rs.	Rs.
1894-95	1,81,547	2,74,222	1,78,244	6,34 013
1895-96	1,49,527	2,58,447	2,35,166	6,43,140
1896-97	1,94,399	2,64,476	2,11,862	6,70,737
1897-98	2,37,562	1,94,336	1,23,289	5,55,187
1898-99	14,358	1,77,855	1,78,618	3,70,831

8. The following tables show the increases in property taxes as compared with the previous year :—

General Tax.

1897-98.				1898-99.				Increase—Difference between columns 4 and 8.
8½ per cent.	Compounded sum payable by Government under section 144 (3).	Compounded sum payable by the Port Trust under section 145(3).	Total of columns 1, 2 and 3.	9½ per cent.	Compounded sum payable by Government under section 144 (3).	Compounded sum payable by the Port Trust under section 145 (3).	Total of columns 5, 6 and 7.	
1	2	3	4	5	6	7	8	9
Rs. a. p. 17,94,237 6 5	Rs. a. p. 98,374 0 0	Rs. a. p. 1,52,483 0 0	Rs. a. p. 20,46,093 6 5	Rs. a. p. 20,35,222 12 9	Rs. a. p. 1,09,947 0 0	Rs. a. p. 1,70,420 0 0	Rs. a. p. 23,15,589 12 9	Rs. a. p. 2,70,506 6 4

9. The amount of general tax on properties exempted from its payment under section 143 (*a*) and (*b*) of the Act does not appear in the above table. This amount, contrasted with that of the previous year, is as follows :—

	Rs.	A.	P.		Rs.	A.	P.
1897-98 ...	2,11,268	4	11	1898-99 ...	2,37,921	5	3

10. *Water Tax.*

1897-98.				1898-99.				Increase.			
On rateable Value.	Compounded.	On Meter Measurement.	Total.	On rateable Value.	Compounded.	On Meter Measurement.	Total.	On rateable Value.	Compounded.	On Meter Measurement.	Total Increase.
1	2	3	4	5	6	7	8	9	10	11	12
Rs. a. p. 6,43,511 6 1	Rs. a. p. 36,583 4 4	Rs. a. p. 5,62,106 4 5	Rs. a. p. 12,42,199 14 10	Rs. a. p. 6,47,690 6 1	Rs. a. p. 40,971 2 9	Rs. a. p. 7,88,156 4 2	Rs. a. p. 14,76,817 13 0	Rs. a. p. 4,179 0 0	Rs. a. p. 4,387 14 5	Rs. a. p. 2,26,050 15 9	Rs. a. p. 2,34,617 14 2

11. *Halalkhor Tax.*

1897-98.			1898-99.			Increase.		Total Net Increase over 1897-98.
On rateable Value.	Special Service.	Total.	On rateable Value.	Special Service.	Total.	Halalkhor Tax on rateable Value.	Special Halalkhor Tax.	
1	2	3	4	5	6	7	8	9
Rs. a. p. 5,62,300 8 4	Rs. a. p. 1,36,060 13 7	Rs. a. p. 6,98,361 5 11	Rs. a. p. 5,68,818 13 6	Rs. a. p. 1,48,164 2 11	Rs. a. p. 7,16,783 0 5	Rs. a. p. 6,118 5 2	Rs. a. p. 12,103 5 4	Rs. a. p. 18,221 10 6

12. The total demand on account of Property Taxes amounted to Rs. 45,09,190-10-2, to which is to be added Rs. 25,785-6-4, on account of previous years, making a total of Rs. 45,34,976-0-6.

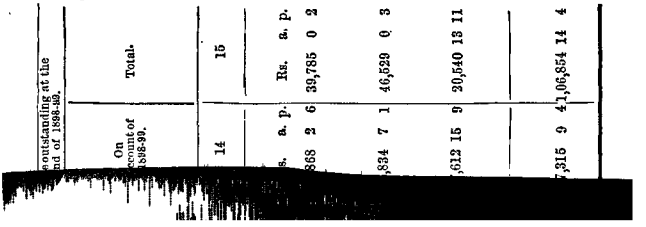
13. Of the above demand, Rs. 78,989-12-2 were allowed as $\frac{1}{5}$th drawback on the General Tax under section 158 (2) of the Act.

14. The following bills for Property Taxes were issued during 1898-99 :—

For which year.	Bills issued.		
	No.	Amount.	
		Rs. a. p.	
1894-95	2	101 1 5	
1895-96	2	115 0 0	
1896-97	94	2,722 11 5	
1897-98	479	22,846 9 6	
Total ...	577	25,785 6 4	
1898-99	72,737	41,49,833 14 0	
Total ...	73,314	41,75,619 4 4	

15. The payments by Government and the Port Trust, in lieu of the General Tax, are not made on bills; they are made direct into the Chief Accountant's Office.

16. The following table gives the amounts which had to be collected during 1898-99:—



| Outstanding at the end of 1898-99. | Total. | | |

14. The following bills for Property Taxes were issued during 1898-99 :—

For which year.	Bills issued.		
	No.	Amount.	
		Rs. a. p.	
1894-95	2	101 1 5	
1895-96	2	115 0 0	
1896-97	94	2,722 11 5	
1897-98	479	22,846 9 6	
Total ...	577	25,785 6 4	
1898-99	72,737	41,49,833 14 0	
Total ...	73,314	41,75,619 4 4	

15. The payments by Government and the Port Trust, in lieu of the General Tax, are not made on bills; they are made direct into the Chief Accountant's Office.

	To be collected.			Collected.				Deduct. On account of former years.			Balance outstanding at the end of 1898-99.		
Opening Balance outstanding on 31st March 1898.	Total of Bills issued during 1898-99.	Amount payable by Government and Port Trust without Bills.	Total.	On account of former years.	On account of 1898-99.	Total.	Uncollected.	Amount written off as per Standing Committee's Resolutions Nos. 1578 / 18-5-98, 4686 / 17-8-98, 6537 / 2-11-98 & 9242 / 18-1-99.	Bills cancelled (amended bills being issued in lieu of the same).	Total.	On account of former years.	On account of 1898-99.	Total.
2	3	4	5	6	7	8	9	10	11	12	13	14	15
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a.
35,805 7 0	19,61,097 6 6	2,80,367 0 0	22,77,269 13 6	30,994 6 9	22,00,731 14 1	22,31,726 4 10	45,543 8 8	12 9 8	5,745 14 10	5,758 8 6	3,916 13 8	35,868 2 6	39,785 0
42,192 15 5	14,96,076 5 1	.....	15,38,269 4 6	49,800 3 9	14,32,983 5 11	14,82,783 9 8	55,485 10 10	591 12 10	8,364 13 9	8,956 10 7	2,694 9 2	43,834 7 1	46,529 0
22,551 12 6	7,18,445 8 9	.....	7,40,997 5 3	19,008 13 1	6,99,170 0 8	7,18,178 13 9	22,818 7 6	29 10 8	2,247 14 11	2,277 9 7	2,927 14 2	17,612 15 9	20,540 13
1,00,550 2 11	41,75,619 4 4	2,80,367 0 0	45,56,536 7 3	99,803 7 7	43,32,885 4 8	44,32,688 12 3	1,23,847 11 0	634 1 2	16,358 11 6	16,992 12 8	9,539 5 0	97,315 9 4	1,06,854 14

Tax on Vehicles and Animals.

17. The demand on account of the tax on private vehicles and animals for the four quarters ended 31st December 1898 was Rs. 1,62,961-12-11, against Rs. 1,55,282-7-0 for 1897, to which are to be added Rs. 6,550-2-3 outstanding on 31st March 1898, and Rs. 933-12-0, amount of bills for former years issued in 1898-99, making a total of Rs. 1,70,445-11-2.

18. The total number of Wheel Tax bills issued was 13,365. The amount collected during the year was Rs. 1,61,912-3-7.

19. Out of the amount of Rs. 6,622-6-1 outstanding on 31st March 1899, Rs. 4,530-6-8 have been accounted for up to 15th instant, leaving a balance of Rs. 2,091-15-5.

20. The details are shown in the subjoined table :—

Wheel Tax.

To be collected.			Collected.				Deduct Bills cancelled on account of former years.			Balance outstanding at the end of 31st March 1899.		
Opening balance outstanding.	Total of bills issued in 1898-99.	Total.	On account of former years.	On account of 1898-99.	Total.	Uncollected.	Amount written off as irrecoverable as per Standing Committee's Resolutions Nos. 14-2 4836 8137 9942 18-4-99 17-8-99 2-11-98 18-4-99	Bills cancelled (amended bills being issued in lieu of the same).	Total.	On account of former years.	On account of 1898-99.	Total.
Rs. a. p. 6,550 2 3	Rs. a. p. 1,63,895 8 11	Rs. a. p. 1,70,445 11 2	Rs. a. p. 4,360 6 6	Rs. a. p. 1,57,551 13 1	Rs. a. p. 1,61,912 3 7	Rs. a. p. 8,533 7 7	Rs. a. p. 208 0 6	Rs. a. p. 1,708 1 0	Rs. a. p. 1,911 1 6	Rs. a. p. 1,212 6 3	Rs. a. p. 5,409 15 10	Rs. a. p. 6,622 6 1

21. The number and description of private vehicles and animals taxed at the end of the calendar year 1898, as contrasted with those at the end of the previous calendar year, are :—

For 1897-98.		For 1898-99.		Increase.		Decrease.	
Number at the end of 1897.		Number at the end of 1898.					
4-wheeled Vehicles.	3,417	4-wheeled Vehicles.	3,396			21	
2-wheeled Vehicles.	714	2-wheeled Vehicles.	776	62			
Vehicles drawn or impelled otherwise than by horses, &c.	367	Vehicles drawn or impelled otherwise than by horses, &c.	383	16			
Horses.	3,079	Horses.	3,206	127			
Ponies.	900	Ponies.	931	31			
Bullocks.	622	Bullocks.	754	132			
Donkeys.	1	Donkeys.	1				
Amount.	Rs. a. p. 1,55,982 7 9	Amount.	Rs. a. p. 1,58,961 13 11	Rs. a. p. 7,679 6 11			
		4-wheeled Vehicles.					
		2-wheeled Vehicles.					
		Vehicles drawn or impelled otherwise than by horses, &c.					
		Horses.					
		Ponies.					
		Bullocks.					
		Donkeys.					
		Amount.					

In this table bicycles and tricycles appear. They were ordered to be taxed under the Corporation Resolution No. 9604 of 10th January 1898.

The legality of the tax was doubtful, but was confirmed by a decision of the High Court on the 4th April 1899, on a reference to that Court by the Chief Judge of the Small Causes Court in the case of Hogan *vs.* the Municipal Commissioner.

22. The figures in the following table for 1898-99 are supplied by the Chief Accountant, the tax being collected in his Office :—

Years.	Tax on Licensed Public Land Conveyances.	License Fees.	Fees for Badges.	Total.	Toll Fees at Mahim and Sion Causeways.
1	2	3	4	5	6
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1894-95 ...	1,68,889 0 0	5,376 2 0	7,963 1 0	1,82,228 3 0	15,371 10 0
1895-96 ...	1,67,967 8 0	5,020 0 0	7,853 8 0	1,80,841 0 0	19,528 14 0
1896-97 ...	58,450 12 0	2,638 2 0	3,627 12 0	64,716 10 0	15,863 4 0
1897-98 ...	1,67,989 10 0	5,265 8 0	8,380 12 0	1,81,635 14 0	14,489 14 0
1898-99 ...	1,63,522 8 0	5,757 10 0	7,386 6 0	1,76,666 8 0	13,765 14 0

23. The details of the collections for the official year are :—

Period.	Labour Carts.	Riding Hackeries.	Victorias.	Shigrams, &c.	Municipal Taxes.	License Fees.	Cost of Badges.	Total.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
From 1st April 1897 to 31st March 1898 ...	8,553	261	851		1,67,989 10 0	5,265 8 0	8,380 12 0	1,81,635 14 0
From 1st April 1898 to 31st March 1899 ...	7,288	243	976		1,63,522 8 0	5,757 10 0	7,386 6 0	1,76,666 8 0

24. The following tables show— **A**, total assessment ; **B**, the collections and outstanding balances under Property Taxes and Tax on Vehicles and Animals as compared with those of the previous four years :—

Table A.

Total Assessment on account of Property Taxes and Wheel Tax.

Years.	No. of Properties.	Gross Annual Value at the end of the year.			ASSESSED DEMAND.												
					PROPERTY TAXES.												
		Valuation chargeable with General Tax.	Valuation exempt from General Tax under section 142 of the Municipal Act and Section 36 of the Port Trust Act.	Total.	General Tax, including compounded payments by Government and Port Trust.			Water Tax.	Halaikhor Tax.	Total of Property Taxes.			Wheel Tax, including Public Conveyances and the Toll on the Causeways.	Total Demand.		
					General Tax leviable.	General Tax not leviable.	Total.			Leviable.	Not leviable.	Total.		Leviable.	Not leviable.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.
1894-95	52,148	2,50,94,448	25,19,293	2,76,13,741	19,20,389 5 1	1,92,725 15 11	21,13,115 5 0	13,68,942 1 6	6,42,593 4 8	39,32,124 11 3	1,92,725 15 11	41,24,850 11 2	3,56,936 1 1	42,89,960 12 4	1,92,725 15 11	44,81,786 12 3
1895-96	52,499	2,55,79,337	26,77,544	2,82,56,881	19,57,704 0 1	2,04,832 2 6	21,62,536 2 7	13,97,085 11 10	6,63,572 3 1	40,18,361 15 0	2,04,832 2 6	42,23,194 1 6	3,68,686 9 11	43,86,448 8 11	2,04,832 2 6	45,91,280 11 5
1896-97	52,959	2,62,19,752	27,07,866	2,89,27,618	20,06,705 8 1	2,07,151 13 4	22,13,857 5 5	14,54,547 12 11	6,97,513 2 6	41,58,766 7 6	2,07,151 13 4	43,65,918 4 10	2,59,635 12 6	44,18,402 3 10	2,07,151 13 4	46,25,554 1 2
1897-98	53,165	2,67,21,128	27,61,677	2,94,82,805	20,45,088 6 5	2,11,268 4 11	23,56,351 11 4	12,42,199 14 10	6,98,561 5 11	39,85,844 11 2	2,11,268 4 11	41,97,113 0 1	3,37,761 15 0	43,23,606 10 2	2,11,268 4 11	45,34,874 15 1
1898-99	53,338	2,70,70,930	27,82,706	2,98,53,636	23,15,589 12 9	2,37,921 5 3	25,53,511 2 0	14,76,817 13 0	7,16,783 0 5	45,09,190 10 2	2,37,921 5 3	47,47,111 15 5	3,40,250 2 11	48,49,440 13 1	2,37,921 5 3	50,87,362 2 4

Table B.

Total Demands, Collections, and Balances on account of Property Taxes and Wheel Tax, including License Fees and Fees for Badges on Public Conveyances and Tolls at Mahim and Sion Causeways.

Years.	Amount to be collected.			Bills written off under Standing Committee's Resolutions and Bills recalled for amendment.	Collections.	Outstanding Balance on 31st March.
	Opening Outstanding Balance.	Demand assessed for the year and for former years during the year.	Total.			
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1894-95 ...	1,50,452 10 6	42,99,843 6 3	44,50,296 0 9	79,926 10 7	42,86,095 4 9	84,274 1 5
1895-96 ...	84,274 1 5	43,56,893 15 6	44,41,168 0 11	9,849 10 2	43,51,271 11 4	80,046 11 5
1896-97 ...	80,046 11 5	44,37,107 14 5	45,17,154 9 10	29,454 6 6	41,76,528 0 6	3,11,172 2 10
1897-98 ...	3,11,172 2 10	43,16,519 2 5	46,27,691 5 3	49,219 3 3	44,71,371 12 10	1,07,100 5 2
1898-99 ...	1,07,100 5 2	48,10,314 3 3	49,17,414 8 5	18,903 14 2	47,85,033 5 10	1,13,477 4 5

Miscellaneous Revenue.

25. The receipts from miscellaneous revenue in 1898-99, as contrasted with the previous four years, are :—

Years.	Notice Fees.	Warrant Fees.	Inspection Fees.	Battakee Fees.	Duplicate Bill Fees.	Sundries, copies of office records, &c.	Fees for producing books in the Courts and for supplying information.	Miscellaneous Receipts, including sale of old records, printed assessment books and copies of the one-fifth drawback conditions.	Total.	Meter Hire.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1894-95	2,909 8 0	66 4 0	70 0 0	2,775 0 0	19 8 0	33 15 8	140 0 0	67 8 11	6,081 12 7	8,711 7 7
1895-96	2,571 12 0	43 12 0	65 4 0	2,991 0 0	11 10 0	39 7 8	45 0 0	58 4 0	5,826 1 8	12,786 10 8
1896-97	2,062 4 0	36 0 0	79 0 0	2,241 0 0	8 6 0	28 0 0	137 6 1	54 0 3	4,646 0 4	10,600 13 7
1897-98	3,976 12 0	74 4 0	50 12 0	1,569 0 0	31 4 0	24 0 6	85 0 0	48 6 0	5,359 6 6	14,030 9 10
1898-99	3,193 4 0	76 0 0	78 0 0	1,626 0 0	24 8 0	19 3 7	105 0 0	225 6 6	5,352 6 1	13,897 11 5

Refunds.

26. The total amount of refunds, for which certificates were granted on account of vacancies and over-collections under all heads, was Rs. 31,792-6-9; the details are as under :—

Taxes.	For 1892-93.	For 1893-94.	For 1894-95.	For 1895-96.	For 1896-97.	For 1897-98.	For 1898-99.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax	.....	.....	.....	55 4 11	155 7 0	5,913 8 [illegible]	2,927 5 [illegible]	9,051 9 9
Water Tax	103 11 0	345 7 1	758 15 4	1,252 7 2	3,015 5 0	6,751 12 10	4,151 7 11	16,379 2 4
Halalkhor Tax	.....	231 2 0	251 8 0	269 6 2	201 0 1	3,622 4 9	1,773 7 [illegible]	6,348 12 8
Wheel Tax	.....	.....	.....	.....	.....	2 0 0	4 0 0	6 0 0
Notice Fees	.....	.....	.....	.....	.....	0 8 0	.....	0 8 0
Meter Hire...	.....	.....	.....	.....	.....	.....	5 0 0	5 0 0
Toll Fees	.....	.....	.....	.....	.....	1 6 0	.....	1 6 0
Total ...	103 11 0	576 9 1	1,010 7 4	1,577 2 3	3,371 12 1	16,291 7 9	8,861 5 3	31,792 6 9

Appeals to the Chief Judge of the Small Causes Court.

27. There were 12 appeals, *viz.* :—

Subject of Appeal.	Total No. of Appeals.	How disposed of.				Total.
		Dismissed.	Allowed.	Withdrawn by the Appellants.	Settled by consent.	
Valuation...	9	1	...	1	7	9
Halalcore Tax	1	...	...	...	1	1
Bye-Election	1	1	...	...	...	1
Tax on bicycle	1	1	...	...	...	1
Total... ...	12	3	...	1	8	12

28. The attached Tables I to XVIII show the details of the working of the Department during 1898-99.

29. The staff has, with rare exceptions, worked satisfactorily ; but as the work increases, more hands are required, about which I will report in the Budget for 1900-1901.

Table I.

Number of Properties on the Assessment Book at the close of 1898-99.

Wards.	Classification of Properties according to Description.					Classification of Properties according to Liabilities.					Remarks.
	Buildings.	Salt-pans.	Lands.	Miscellaneous Tanks, Wells, &c.	Total.	Number assessed to General Tax.	No. exempted or compounded for on special terms.	Small plots of unproductive land for which no bills are issued.	Number without valuation.	Total.	
A	3,716	...	990	59	4,765	3,840	925	.....	.....	4,765	
B	5,130	...	1,154	26	6,310	5,239	1,063	8	.....	6,310	
C	7,986	...	606	140	8,732	8,233	485	7	2	8,732	
D	4,249	...	751	53	5,053	4,614	413	22	4	5,053	
E	6,637	...	2,649	230	9,516	8,244	1,180	85	7	9,516	
F	2,771	146	6,701	41	9,659	4,476	274	4,907	2	9,659	
G	4,316	...	4,833	144	9,293	6,171	245	2,877	.....	9,293	
Total...	34,805	146	17,684	693	53,328	40,822	4,585	7,906	15	53,328	

Table II.

Number of New Buildings and Buildings demolished and enlarged in 1898-99.

Wards.	New Buildings in 1898-99.					Buildings demolished on account of various causes, burnt down, &c.	Buildings enlarged.	Remarks.
	April to June.	July to September.	October to December.	January to March.	Total.			
A ...	15	11	6	14	46	70	18	
B ...	23	4	16	13	56	69	15	
C ...	14	10	6	13	43	112	36	
D ...	24	13	21	6	64	88	33	
E ...	15	8	9	24	56	269	34	
F ...	16	16	7	27	66	23	22	
G ...	20	13	4	24	61	47	25	
Total...	127	75	69	121	392	678	183	

Table III.

Statement showing the Opening and Closing Assessment for 1898-99.

Wards	Opening Gross Assessment.	Gross Assessment after disposal of Complaints.	Deduction at 10 per cent.	Net or Rateable Value	General Tax leviable.	General Tax (Bills not issued, General Tax being less than 4 As. for the Half-year).	General Tax (exempted).	Subsequent Amendments. Increase. Gross Assessment.	Subsequent Amendments. Increase. General Tax.	Subsequent Amendments. Decrease. Gross Assessment.	Subsequent Amendments. Decrease. General Tax.	Closing Assessment. Gross Assessment.	Closing Assessment. Net Value.	Closing Assessment. General Tax leviable.	Closing Assessment. General Tax (Bills not issued, General Tax being less than 4 As. for the Half-year).	Closing Assessment. General Tax (exempted).	Total General Tax.
	7	9	10	11	12	12 A	13					9	11	12	12 A	13	
	Rs.	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs. a. p.	Rs.	Rs. a. p.	Rs.	Rs.	Rs. a. p.	Rs.	Rs.	Rs. a. p.
A ...	99,59,659	99,67,260	9,96,077	89,71,183	7,11,616 1 2	.....	1,40,645 13 6	1,77,195	14,969 2 8	25,387	1,833 5 4	1,01,19,068	91,07,811	7,24,761 14 1	.....	1,40,491 4 5	8,65,245 2 6
B ...	44,92,882	44,30,272	4,41,837	39,88,435	3,69,187 14 10	0 7 6	9,718 1 4	38,792	1,846 5 4	29,693	2,468 6 8	44,39,371	3,96,625	3,68,565 13 6	0 7 6	11,115 10 2	3,79,681 15 2
C ...	59,49,328	58,97,718	5,88,031	53,09,682	4,76,902 15 6	2 1 6	27,514 10 10	75,983	4,803 13 8	45,864	2,804 7 11	59,27,832	53,36,792	4,78,902 4 10	3 2 4	28,088 5 7	5,06,998 12 9
D ...	31,59,896	31,47,447	3,13,543	28,33,904	2,56,244 12 2	7 10 0	12,968 5 3	85,979	5,226 5 8	50,620	2,190 9 4	31,82,506	28,65,729	2,59,280 8 6	6 15 2	12,957 12 4	2,72,245 4 0
E ...	36,02,944	35,80,988	3,56,412	32,24,576	2,73,846 13 2	25 7 0	32,462 2 6	36,475	2,554 2 5	50,912	3,625 3 10	35,66,551	32,11,582	2,72,775 11 9	28 11 10	32,294 2 5	3,05,098 10 0
T ...	11,21,342	10,72,311	1,05,024	9,67,287	86,472 8 4	857 5 8	4,561 15 10	43,858	3,699 3 11	9,528	496 11 11	11,06,641	9,98,184	89,575 5 4	852 3 6	4,294 4 8	94,821 13 6
G ...	14,77,161	14,94,418	1,47,266	13,47,152	1,20,226 3 6	658 8 4	7,086 13 10	30,505	2,408 9 10	13,556	996 10 7	15,11,367	13,62,407	1,21,688 2 9	655 12 11	7,132 8 5	1,99,426 8 1
Total.	2,97,63,212	2,95,90,409	29,48,190	2,66,42,219	32,94,497 4 8	1,551 8 0	2,34,952 15 0	4,88,787	35,607 15 8	2,25,560	14,415 7 7	2,98,53,636	2,68,79,130	33,15,589 12 9	1,547 5 3	2,36,374 0 0	25,53,511 2 0

Subsequent Amendments.

Wards.	Reduction.	Enhancement.	Remarks.
	Rs.	Rs.	
A ...	25,387	1,77,195	
B ...	29,693	38,792	
C ...	45,864	75,983	
D ...	50,620	85,979	
E ...	50,912	36,475	
F ...	9,528	43,858	
G ...	13,556	30,505	
Total.	2,25,560	4,88,787	

Table IV.

Complaints disposed of during the Year 1898-99.

Wards.	Number of Complaints received.	Original value.	Valuation revised on Complaints.	Difference. Decrease.	Difference. Increase.	Remarks.
		Rs.	Rs.	Rs.	Rs.	
A	229	4,32,179	4,39,780	.....	7,601	
B	511	7,33,347	6,70,737	62,610	.....	
C	625	7,24,312	6,72,697	51,615	.....	
D	259	2,26,134	2,13,685	12,449	.....	
E	490	4,11,589	3,89,633	21,956	.....	
F	151	1.81,669	1,32,638	49,031	.....	
G	372	1,31,913	1,49,170	.....	17,257	
Total ...	2,637	28,41,143	26,68,340	1,97,661	24,858	

Table V.

Statement showing Increase and Decrease in Valuation for 1898-99.

Wards.	Original Valuation.	Revised Valuation.	Decrease.				Increase.					Remarks.
			Over-Assessment.	Demolition.	Falling off in Rents.	Other Causes.	Under-Assessment.	New Houses.	Enlarged or improved.	Rise in Rents.	Other Causes.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
A	1,28,958	1,59,882	...	...	...	...	...	...	...	30,924	...	
B	1,91,012	2,52,671	...	...	...	...	...	...	...	61,659	...	
C	2,09,230	2,51,601	...	...	...	...	...	...	...	42,371	...	
D	56,718	70,229	...	...	...	...	...	...	...	13,511	...	
E	1,34,358	1,73,633	...	...	...	...	...	...	...	39,275	...	
F	47,157	63,764	...	...	...	...	...	...	...	16,597	10	
G	55,072	67,452	...	...	...	42	...	...	...	12,400	22	
Total ...	8,22,505	10,39,232	...	...	...	42	...	...	...	2,16,737	32	

Table VI.

Statement showing Increase and Decrease for 1898-99.

Wards.	Original Valuation.	Revised Valuation.	Decrease.				Increase.					Remarks.
			Over-Assessment.	Demolition.	Falling off in Rents.	Other Causes.	Under-Assessment.	New Houses.	Enlarged or improved.	Rise in Rents.	Other Causes.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
A	3,39,849	3,47,450	34,292	7,004	...	...	548	45,937	1,092	720	...	
B	5,52,623	4,90,013	60,895	13,299	...	...	659	6,363	4,562	...	...	
C	5,07,755	4,56,140	57,538	4,236	...	169	588	8,817	898	...	25	
D	1,87,309	1,74,860	24,022	3,482	...	343	354	11,277	3,767	...	...	
E	3,24,089	3,02,133	29,103	5,209	...	6,569	165	15,100	3,651	...	9	
F	1,54,368	1,05,337	52,024	553	...	...	470	3,072	4	...	...	
G	1,01,431	1,18,688	10,038	4,964	...	1,475	...	21,106	5,152	...	7,476	
Total ...	21,67,424	19,94,621	2,67,912	38,747	...	8,556	2,784	1,11,672	19,726	720	7,510	

Table VII.

Statement showing Increase and Decrease for 1898-99.

Ward.	Original.					Revised.		Actual Amount recoverable.			Decrease.				Increase.					Remarks.
	Gross Value.	Net Value.	General Tax.	Water Tax.	Halalkhor Tax.	Gross Value.	Net Value.	General Tax.	Water Tax.	Hal khor Tax.	Over-Assessment.	Demolition.	Falling off in Rents	Other Causes.	Under-Assessment.	New Houses.	Enhancement or Improvement.	Rise in Rents.	Other Causes.	
	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
A ...	6,15,412	5,53,913	47,998 13 8	14,376 15 5	6,749 15 2	8,13,607	7,36,843	61,184 10 7	13,016 2 3	8,268 6 11	10,618	21,399	...	18,141	238	1,08,586	41,121	7,693	96,405	
B ...	1,39,623	1,12,715	10,718 4 4	5,880 12 3	3,278 4 7	1,52,549	1,37,396	10,096 3 0	4,941 9 4	3,541 14 1	3,309	24,243	3	13	721	37,534	9,922	13,221	95	
C ...	2,31,001	2,08,001	15,392 0 6	8,269 6 0	5,303 14 8	2,69,189	2,42,870	17,891 5 10	7,740 2 11	6,061 12 1	17,865	31,397	...	95	8,999	53,315	19,386	870	25	
D ...	1,33,992	1,20,676	8,993 10 3	4,188 0 2	3,030 6 7	1,83,106	1,68,963	12,029 6 7	4,532 4 2	4,963 8 10	8,514	24,692	...	12,016	1,187	48,975	38,143	420	5,511	
E ...	2,93,679	2,64,517	23,091 7 7	12,108 7 3	3,810 15 9	2,74,106	2,46,876	22,020 6 2	9,248 12 11	3,114 8 4	3,666	51,014	...	12,975	1,635	24,934	16,776	316	4,431	
F ...	2,11,859	1,90,767	17,042 1 5	1,962 9 7	3,093 1 11	2,73,198	2,45,981	20,344 14 5	1,959 14 9	3,235 7 10	1,842	2,675	...	12,946	3,569	37,067	15,572	420	16,684	
G ...	1,13,481	1,23,959	13,110 6 11	6,578 4 1	2,918 11 5	1,85,900	1,67,428	18,522 6 2	6,003 10 10	3,035 15 5	2,926	8,137	...	5,703	...	29,440	17,259	540	6,946	
Total ...	17,59,047	15,79,548	1,56,346 12 8	57,849 6 9	28,180 6 1	21,55,655	19,40,857	1,56,439 4 9	47,442 9 2	32,276 9 6	48,240	1,63,557	3	61,888	21,329	3,43,961	1,58,139	21,796	1,30,097	

Table VIII.

Water and Halalkhor Taxes levied during the year 1898-99.

Ward.	Water Tax.				Halalkhor Tax.			Remarks.
	On Assessed Value.	By Meter Measurement.	Compounded.	Total.	On Assessed Value.	Special Service.	Total.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
A	1,04,321 8 2	3,18,875 13 2	24,287 14 2	4,47,485 3 6	1,10,683 1 0	61,466 11 2	1,72,149 12 2	
B	1,47,823 7 6	12,774 7 6	1,611 9 1	1,62,209 8 1	1,13,915 0 8	816 15 0	1,14,731 15 8	
C	1,87,146 9 2	22,633 7 10	2,113 4 9	2,11,893 5 9	1,57,002 13 9	872 4 4	1,57,875 2 1	
D	87,999 4 5	57,586 9 10	2,352 8 7	1,47,938 6 10	76,381 10 2	12,582 0 3	88,963 10 5	
E	81,696 11 2	1,32,209 11 3	8,860 11 10	2,22,767 2 3	69,921 14 5	31,070 14 2	1,00,992 12 7	
F	19,272 7 5	41,974 9 8	1,145 6 3	62,392 7 4	18,282 15 3	15,429 15 11	33,712 15 2	
G	19,430 6 3	2,02,101 8 11	599 12 1	2,22,131 11 3	22,431 6 3	25,925 6 1	48,356 12 4	
Total ...	6,47,690 6 1	7,88,156 4 2	40,971 2 9	14,76,817 13 0	5,68,618 13 6	1,48,164 2 11	7,16,783 0 5	

Table IX.

Bills issued in 1898-99.

Years.	No. of Bills.			General Tax.	Water Tax.	Halalkhor Tax.	Total.	Wheel Tax.	Total.	Remarks.
	Property Taxes.	Wheel Tax.	Total.							
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1894-95	2	...	2	68 11 10	32 5 7	.....	101 1 5	.....	101 1 5	
1895-96	2	...	2	78 3 2	36 12 10	.....	115 0 0	.....	115 0 0	
1896-97	94	5	99	1,335 8 7	1,033 1 2	354 1 8	2,722 11 5	185 0 0	2,907 11 5	
1897-98	479	39	518	3,381 14 4	18,156 4 6	1,308 6 8	22,846 9 6	748 12 0	23,595 5 6	
Total for former years.	577	44	621	4,364 5 11	19,258 8 1	1,662 8 4	25,785 6 4	933 12 0	26,719 2 4	
„ for 1898-99.	72,737	13,321	86,058	19,56,233 0 7	14,76,817 13 0	7,16,783 0 5	41,49,833 14 0	1,62,961 12 11	43,12,795 10 11	
Grand Total ...	73,314	13,365	86,679	19,61,097 6 6	14,96,076 5 1	7,18,445 8 9	41,75,619 4 4	1,63,895 8 11	43,39,514 13 3	

Collections made in 1898-99, *including Adjustments.*

Years.	General Tax.	Water Tax.	Halalkhor Tax.	Total.	Wheel Tax.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1890-91	30 10 0	14 0 1	10 8 1	55 2 2	.....	55 2 2
1891-92	18 13 0	11 8 2	8 10 1	38 15 3	.....	38 15 3
1892-93	32 9 6	14 14 5	11 2 10	58 10 9	.....	58 10 9
1893-94	40 6 0	17 3 4	12 14 6	70 7 10	.....	70 7 10
1894-95	79 5 10	35 8 10	3 12 10	118 11 6	1 6 0	120 1 6
1895-96	554 8 1	264 8 4	32 12 4	851 12 9	17 0 0	868 12 9
1896-97	4,401 4 10	1,740 7 3	2,868 7 6	9,010 3 7	162 7 6	9,172 11 1
1897-98	25,836 13 6	47,702 1 4	16,060 8 11	89,599 7 9	4,179 9 0	93,779 0 9
Total for former years ...	30,994 6 9	49,800 3 9	19,008 13 1	99,803 7 7	4,360 6 6	1,04,163 14 1
Total for 1898-99 ...	19,20,364 14 1	14,32,983 5 11	6,99,170 0 8	40,52,518 4 8	1,57,551 13 1	42,10,070 1 9
Government Contribution ...	1,09,947 0 0	.....	.....	1,09,947 0 0	.....	1,09,947 0 0
Port Trust Contribution	1,70,420 0 0	.....	.....	1,70,420 0 0	.....	1,70,420 0 0
Total ...	22,31,726 4 10	14,82,783 9 8	7,18,178 13 9	44,32,688 12 3	1,61,912 3 7	45,94,600 15 10

Table XI.

Bills recalled and cancelled in 1898-99 *as erroneous.*

Years.	General Tax.	Water Tax.	Halalkhor Tax.	Total Property Taxes.	Wheel Tax.	Grand Total.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1894-95	68 11 10	32 5 7	24 4 3	125 5 8	.....	125 5 8	
1895-96	80 15 4	38 1 8	36 5 8	155 6 8	11 0 0	166 6 8	
1896-97	1,413 5 3	1,282 13 6	333 15 8	3,030 2 5	217 0 0	3,247 2 5	
1897-98	4,182 14 5	7,011 9 0	1,853 5 4	13,047 12 9	1,480 1 0	14,527 13 9	
Total ...	5,745 14 10	8,364 13 9	2,247 14 11	16,358 11 6	1,708 1 0	18,066 12 6	

Table XII.

Statement showing the Bills written off in 1898-99 *as Irrecoverable* (vide *Standing Committee's Resolutions Nos.* $\frac{1578}{18\text{-}5\text{-}98}$, $\frac{4686}{17\text{-}8\text{-}98}$, $\frac{6537}{2\text{-}11\text{-}98}$ and $\frac{9242}{18\text{-}1\text{-}99}$.

Years.	General Tax.	Water Tax.	Halalkhor Tax.	Total.	Wheel Tax.	Grand Total.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1892-93	.....	.....	.....	.....	10 13 6	10 13 6	
1895-96	.....	64 13 10	.....	64 13 10	9 0 0	73 13 10	
1896-97	10 7 9	526 8 9	27 11 9	564 12 3	109 13 0	674 9 3	
1897-98	2 1 11	0 6 3	1 14 11	4 7 1	73 6 0	77 13 1	
Total ...	12 9 8	591 12 10	29 10 8	634 1 2	203 0 6	837 1 8	

Table XIII.

Outstanding Balance on 31st March 1899.

Years.	Bill Nos.	General Tax.	Water Tax.	Halalkhor Tax.	Total.	Wheel Tax.	Total.	Meter Hire.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1891-92	4	.....	113 4 0	.....	113 4 0	38 0 0	151 4 0	.....	151 4 0
1892-93	4	.....	321 12 0	.....	321 12 0	.....	321 12 0	.....	321 12 0
1893-94	2	16 1 6	7 9 4	5 10 11	29 5 9	.....	29 5 9	.....	29 5 9
1894-95	7	59 1 2	27 12 10	21 15 0	108 13 0	20 1 3	128 14 3	.....	128 14 3
1895-96	13	83 2 5	38 3 0	34 1 5	155 6 10	46 0 0	201 6 10	.....	201 6 10
1896-97	117	1,124 12 7	570 8 5	441 14 4	2,137 3 4	579 4 0	2,716 7 4	.....	2,716 7 4
1897-98	306	2,633 12 0	1,615 7 7	2,424 4 6	6,673 8 1	529 1 0	7,202 9 1	.....	7,202 9 1
For former years...	453	3,916 13 8	2,694 9 2	2,927 14 2	9,539 5 0	1,212 6 3	10,751 11 3	.....	10,751 11 3
Total for 1898-99...	3463	35,868 2 6	43,834 7 1	17,612 15 9	97,315 9 4	5,409 15 10	1,02,725 9 2	1,795 0 0	1,04,520 9 2
GRAND TOTAL	3916	39,785 0 2	46,529 0 3	20,540 13 11	1,06,854 14 4	6,622 6 1	1,13,477 4 5	1,795 0 0	1,15,272 4 5

Table XIV.

Statement showing the number of Vehicles and Animals taxed in 1898-99.

Wards.	Number at the end of the Year.									Amount of Tax levied.					Remarks.
	4-wheeled Vehicles.	2-wheeled Vehicles.	Vehicles drawn or impelled otherwise than by horses and ponies, &c.	Bicycles.	Tricycles.	Horses above 12 hands.	Horses under 12 hands.	Bullocks.	Donkeys.	4th quarter, ending 31st March 1898.	1st quarter, ending 30th June 1898.	2nd quarter, ending 30th September 1898.	3rd quarter, ending 31st December 1898.	Total.	
										Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
A ...	567	117	103	166	1	614	22	93	...	7,518 2 4	7,535 2 5	7,373 13 0	7,579 12 5	30,006 14 2	
B ...	578	51	72	34	...	537	22	51	...	5,945 6 0	5,829 6 0	6,200 6 0	6,410 1 0	24,385 3 0	
C ...	777	75	62	58	...	689	46	46	...	8,412 5 0	8,337 4 0	8,477 13 0	8,492 12 0	33,720 2 0	
D ...	1,019	185	40	258	5	1,353	61	78	1	11,191 4 0	11,315 8 0	11,286 1 0	12,538 11 0	46,331 8 0	
E ...	318	107	86	92	...	383	16	142	...	5,040 10 0	4,664 11 0	4,258 15 0	4,225 15 9	18,190 3 9	
F ...	70	122	12	13	...	53	14	169	...	1,510 15 0	1,443 6 0	1,171 15 0	1,273 2 0	5,399 6 0	
G ...	67	119	8	33	1	67	10	176	...	1,218 2 0	1,283 3 0	1,146 2 0	1,281 1 0	4,928 8 0	
Total	3,396	776	383	654	7	3,696	191	754	1	40,836 12 4	40,408 8 5	39,915 1 0	41,801 7 2	1,62,961 12 11	

Table XV.

Statement showing $\frac{1}{5}$th Drawback [under Section 158(2) of the Municipal Act, 1888] allowed for 1898-99.

Wards.	1st Half.		2nd Half.		Total for the Year.		Remarks.
	No. of Claims.	Amount.	No. of Claims.	Amount.	No. of Claims.	Total Amount of Drawback.	
		Rs. a. p.		Rs. a. p.		Rs. a. p.	
A	468	5,720 10 6	525	6,391 3 0	993	12,111 13 6	
B	1,670	9,206 2 7	1,747	9,276 1 2	3,417	18,482 3 9	
C	2,141	12,658 11 3	2,403	12,917 2 9	4,544	25,575 14 0	
D	880	3,523 6 4	867	3,512 14 4	1,747	7,036 4 8	
E	1,596	5,533 6 0	1,684	5,916 5 2	3,280	11,449 11 2	
F	291	973 12 7	362	1,026 9 3	653	2,000 5 10	
G	273	1,082 0 1	336	1,251 7 2	609	2,333 7 3	
Total ...	7,319	38,698 1 4	7,924	40,291 10 10	15,243	78,989 12 2	

Table XVI.

Refunds allowed in 1898-99.

Taxes.	For the year 1892-93	For the year 1893-94	For the year 1894-95.	For the year 1895-96.	For the year 1896-97.	For the year 1897-98.	For the year 1898-99.	Total.
General Tax	.....	.....	.....	55 4 11	155 7 0	5,913 8 2	2,927 5 8	9,051 9 9
Water Tax	103 11 0	345 7 1	758 15 4	1,252 7 2	3,015 5 0	6,751 12 10	4,151 7 11	16,379 2 4
Halalkhor Tax	.....	231 2 0	251 8 0	269 6 2	201 0 1	3,622 4 9	1,773 7 8	6,348 12 8
Wheel Tax	.....	.....	.....	.....	.....	2 0 0	4 0 0	6 0 0
Notice Fees	.....	.....	.....	.....	.....	0 8 0	.....	0 8 0
Meter Hire	.....	.....	.....	.....	.....	.....	5 0 0	5 0 0
Toll Fees...	.....	.....	.....	.....	.....	1 6 0	.....	1 6 0
Total ...	103 11 0	576 9 1	1,010 7 4	1,577 2 3	3,371 12 1	16,291 7 9	8,861 5 3	31,792 6 9

Table XVII.

Statement of Receipts from Taxes on Public Land Conveyances and Tolls at Mahim and Sion Causeways.

	For former Years.	For 1898-99.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Tax on public land conveyances	.....	1,63,522 8 0	1,63,522 8 0
License fee	.....	5,757 10 0	5,757 10 0
Fees for badges	.....	7,386 6 0	7,386 6 0
Toll at Mahim and Sion Causeways received direct into the Chief Accountant's Office...	.....	13,765 14 0	13,765 14 0
Total ...	.....	1,90,432 6 0	1,90,432 6 0

Table XVIII.

Statement of Receipts from Miscellaneous Sources.

Details.	Amount.
	Rs. a. p.
Notice fees	3,198 4 0
Warrant fees	76 0 0
Inspection fees	78 0 0
Battakee fees	1,626 0 0
Duplicate bill fees...	24 8 0
Sundries—Copies of office records, &c.	19 3 7
Fees for producing books in the Courts and for supplying information from office records...	105 0 0
Miscellaneous receipts, including sale of old records, printed Assessment Books and copies of Drawback Conditions	225 6 6
Total ...	5,352 6 1
Meter Rent	13,897 11 5
Grand Total ...	19,250 1 6

I.—REVENUE AUDIT.

1.—Assessor and Collector's Department.

(*a*) *Ward Offices.*

2. The balances and books of the 60 Ward Clerks in the seven wards of the City were duly examined at the end of each quarter. The amount of audit work done on each of these occasions is shown in detail in Appendix A, the totals being transcribed below for ready reference :—

Ward Balances Examined.

On 1st April 1898.		On 1st July 1898.		On 1st Oct. 1898.		On 4th Jan. 1899.		Total.	
No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.
	Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
2,541	1,07,075 2 2	15,998	10,10,195 12 5	3,185	1,26,131 0 9	14,503	8,06,610 8 7	36,227	20,50,012 8 10

3. The 36,227 bills for Rs. 20,50,012-8-10 were duly checked in details with the Ward Office Bill Book, Form 16 (every entry in which was subjected to scrutiny), and in totals, which were themselves tested with the book, kept under para. 9, at page 155 of the Manual, which is practically the Ward Clerk's Ledger. They were also checked with the Head Office Accounts (Forms 8 and 9) both in detail and in totals respectively.

(*b*) *Head Office.*

4. The Assessment Book in both its parts—one for the General Tax, and the other for the Water and Halalkhor Taxes—was duly examined, and the exemptions from the payment of the General Tax, the Water Tax, and the Halalkhor Tax were duly checked with a view to ascertain that no property liable to pay any or all of these taxes had escaped

assessment. Appendix B shows the work done in detail, the following being an abstract of its totals :—

Total No. of Properties on the Assessment Book.	Of which number exempted from payment of						Remainder, which pay		
	The General Tax.				The Water Tax.	The Halalkhor Tax.	The General Tax.	The Water Tax.	The Halalkhor Tax.
	Religious and Charitable Institutions.	Properties resting in or occupied by the Corporation.	Properties of small value, for which no Bills are issued.	Total.					
53,649	1,930	1,130	7,549	10,609	18,179	18,260	43,040	35,470	35,389

5. The Vehicle and Animal Tax Book, kept under Section 186 of the Act, was also examined, and all the entries therein checked with the quarterly returns of the Ward Superintendents, and, where necessary, also with the owners' returns, under Section 187, and with the charges made for the preceding quarters. The following table shows the total number of entries so checked for each quarter, Appendix C giving the details for each ward :—

1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total.
3,384	4,116	4,509	4,968	16,977

6. As the year recognised by the Bombay Act VI of 1863 is the calendar year, the revenue from the tax on Public Land Conveyances, licensed by the Commissioner of Police under that Act, was also audited for the twelve months, from 1st January to 31st December 1898, the certificates of issue of licenses supplied by that Officer under arrangements made with him having been duly checked with the register now kept by the Chief Accountant instead of by the Superintendent of the Byculla Ward as in former years. The following table shows the work done :—

Description of Public Land Conveyances.	No. of Certificates or Vouchers.	Amount of Revenue, including Fees for Badges, &c.
		Rs. a. p.
Victorias	1,166	55,174 2 0
Riding hackeries or Recklas	314	4,379 10 0
Labour carts...	5,985	96,821 0 0
Total ...	7,465	1,56,374 12 0

7. Appendix D shows the number of claims to one-fifth drawback under Section 158 (2) of the Act, which were scrutinized by this office during 1898-99, the totals being abstracted below :—

1st half of 1898-99.			2nd half of 1898-99.			Totals for the year.		
Number of claims received	Number of claims admitted.	Amount of drawback sanctioned.	Number of claims received	Number of claims admitted.	Amount of drawback sanctioned.	Number of claims received	Number of claims admitted.	Amount of drawback sanctioned.
		Rs. a. p.			Rs. a. p.			Rs. a. p.
7,247	5,869	38,754 9 6	7,797	6,153	40,302 4 6	15,044	12,022	79,056 14 0

8. The alteration in value and in demand made through the Increase and Decrease Forms 11, 11A, and 11B, were duly checked with the authority for such alterations, as contained in your orders in the Tabulated Ward Report (Form 13), and in separate sanctions recorded in the Audit Note Books kept in this office. Appendix E exhibits the details of the alterations, of which the following are the totals :—

Total number of Increase and Decrease entries in Forms 11, 11A and 11B.	Original Valuation.	Amended or Revised Valuation.	Difference, being net Increase.
1	2	3	4
	Rs.	Rs.	Rs.
5,751	51,06,740	55,39,061	5,32,323

9. The number of complaints against valuations under Section 163 heard by the Revenue and Refund Audit Officer were 134 in A or Fort Ward, 395 in B or Mandvi Ward, and 173 in D or Girgaum Ward, giving a total of 702. The total number of the decisions on complaints against amendments under Section 167 of the Municipal Act, which were scrutinized by this office, amounted to 221 from all the seven wards of the city.

10. Irrecoverable bills for Rs. 919-6-10, as per details given in the subjoined table, were scrutinized and submitted to you in the prescribed form for action under Section 216 of the Act :—

Wards.	No. of Bills.	Amount.					
		Tax on Vehicles and Animals.	Property Taxes.	Charges for Water by meter measurement.	Special Halalkhor Tax.	Notice Fee.	Total.
		Rs. a. p.	Rs. a. p	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A ...	12	81 3 0	...	...	...	...	81 3 0
B ...	3	...	...	541 9 1	...	...	541 9 1
C ...	30	151 12 0	...	...	...	...	151 12 0
D ...	2	7 4 0	...	...	...	...	7 4 0
E ...	14	12 13 6	39 11 9	64 13 10	...	0 12 0	118 3 1
F ...	...	...	...	...	...	...	.....
G ...	7	13 0 0	6 7 8	...	...	...	19 7 8
Total.	68	266 0 6	46 3 5	606 6 11	...	0 12 0	919 6 10

The Standing Committee sanctioned their being written off in their Resolutions Nos. 1578, 4686, 6537, 9242 and 118, dated 23rd May 1898, 17th August 1898, 2nd November 1898, 18th January 1899, and 5th April 1899, respectively.

11. The preliminary list of voters under Section 19 for the final Election Roll under Section 21 was duly scrutinized.

12. The demands, collections, and balances of the Department at the close of the year, as duly audited in the manner contemplated by the Manual, are shown in Appendix F in detail, and summarized in the following table :—

	The General Tax.	The Water Tax.	The Halalkhor Tax.	The Vehicle and Animal Tax.	The Tax on Public Land Conveyances, including Badges, &c.	Meter Hire.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I—Total demands as represented by bills issued ...	23,43,317 11 3	15,83,577 15 9	7,57,712 10 11	1,73,211 8 2	1,56,374 12 0	16,070 4 7	50,30,264 14 8
II—Deduct bills recalled, which were either cancelled or for which amended bills were issued	71,793 12 7	53,654 15 10	18,963 4 7	4,473 14 0	.....	377 9 2	1,49,263 8 2
III—Net demand for collection	22,71,523 14 8	15,29,922 15 11	7,38,749 6 4	1,68,737 10 2	1,56,374 12 0	15,692 11 5	48,81,001 6 6
IV—(*a*) Collection paid into the Treasury, including Departmental adjustments	22,31,726 4 10	14,82,783 9 8	7,18,178 13 9	1,61,912 3 7	1,56,374 12 0	13,897 11 5	47,64,873 7 3
(*b*) Irrecoverable bills written off	12 9 8	610 6 0	29 10 8	203 0 6	.....	.....	855 10 10
Total of IV ...	22,31,738 14 6	14,83,393 15 8	7,18,208 8 5	1,62,115 4 1	1,56,374 12 0	13,897 11 5	47,65,729 2 1
V—Balance at the close of the year...	39,785 0 2	46,529 0 3	20,540 13 11	6,622 6 1	.....	1,795 0 0	1,15,272 4 5

The collections were checked with receipts passed by the Chief Accountant, as also with his totals under each head, and the balances by an examination of the bills actually on hand in the several Ward Offices on 1st April 1899. They were found to be correct.

2—Engineer's Department.

13. The Revenue Books kept in the Streets and Buildings, Water Works, Drainage, and Special Drainage Branches of the Engineer's Department were duly checked each month with the permits, receipts, vouchers, and other papers supporting the several entries therein, the object of the audit being to see that the charges were correctly calculated at rates duly sanctioned, and that the collections as shown by the books were all paid into the Municipal Treasury. The following table shows the work carried out in detail :—

	Items.	Number of Vouchers examined.	Amount.		
			Rs.	a.	p.
1	Projections :—Verandahs, Balconies, Rewas, Weather Frames, &c.	45	6,350	6	10
2	The erection of Scaffolding, &c., on public land.	331	3,418	9	4
3	Opening Roads	1,459	2,124	0	0
4	Temporary occupation of public streets on marriages and other occasions	526	3,120	0	0
5	Licenses issued to Plumbers	92	920	0	0
6	Licenses issued to Surveyors	35	2,625	0	0
7	Supplying copies of office records and giving evidence, &c.	2,358	84	12	6
8	Sale of Tender forms		417	11	6
9	Sale of rights of catching fish, cutting grass, collecting fruits and drawing toddy, &c. ...		1,160	0	0
10	Hire of Steam-rollers, Carts, &c.		5,963	10	3
11	Ground rents		1,906	2	11
12	Sale of building forms under Section 337 ...		312	0	0
13	Sale of repair forms under Section 342 ...		378	0	0
14	Sale of applications for water connections ...	1,330	389	12	0
15	Sale of right of cutting grass		1,999	0	0
16	Sale of Tender forms		37	0	0
17	Fees for testing water pipes, meter fittings, &c.		638	14	0
18	Meter hire...		947	8	7
	Total...	6,176	32,792	7	11

14. A comparison of the Engineer's accounts, with the Audit Note Book in this office which records your sanction in each case as it passes through this office, showed that in 22 cases the fees, the levy of which had been sanctioned by you in the course of the year under report, had not been collected and paid into the Municipal Treasury up to the close of the year, and these 22 cases were duly brought to the notice of the Executive Engineer in this office No. 1180, dated 6th June 1899, which was forwarded to him through you.

3—Health Department.

15. The Revenue books kept in the Health Office as well as those kept in the four Divisional Health Offices Nos. 1 to 4 Divisions, from 14th February to 31st March 1899, were duly checked each month with the receipts, vouchers, and other papers supporting the entries therein, the object of the audit being to ascertain that the amounts collected as shown by the books were at the rates fixed under due authority, and that they were all paid into the Municipal Treasury. The following table exhibits in detail the number of receipts or vouchers examined under each head of revenue and the amount of such revenue :—

	Head of Revenue.	Number of Receipts or Vouchers examined.	Amount.
			Rs. a. p.
1	Digging graves	7,488	3,094 0 0
2	Removing of carcasses of animals	5,889	6,125 8 0
3	Supplying copies of office records and giving evidence, &c.	609	656 0 0
4	Rent of Mahalaxmi Dhobiwada...	5,306	16,531 0 0
5	Rent of reclamation grounds		13,179 8 0
6	Rearing and catching fish, &c.		.....
7	Grazing cattle and cutting grass, &c.		.....
8	Sale of bones, manures, waste papers, &c. ...	650	1,440 4 0
9	Cleansing drains		1,746 9 5
10	Sale of Tender forms		49 4 0
11	Rent of Mody Bay milch cattle stables ...		4,560 0 0
12	Rent of Kamatipura milch cattle stables ...	965	8,544 5 6
13	Rent of Agripada milch cattle stables... ...		3,577 5 5
	Total ...	20,907	59,503 12 4

4—Licensing Department.

16. Appendix G shows the number of licenses for 1898-99, the issue of which was sanctioned by you under Sections 394 and 393 of the Act for the several purposes mentioned in Schedule M, with the amount

of fees leviable therefor. Each of the 5,575 cases for Rs. 61,044-8-0 therein referred to, passed through this office, and was duly scrutinized by it, particularly with reference to the amount of fee leviable. The register of the Superintendent and the counterfoils of the several license books were also checked each month with the Audit Note Book kept in this office, in accordance with your No. 3176 of the 20th May 1890, and with the counterfoils of the receipts given by the Chief Accountant's Cashier, for the purpose of seeing that the full amount of fee leviable in each case was collected and paid into the Municipal Treasury. As in a large majority of cases you sanction the issue of a license after payment of the fee, the registers show no outstanding at the close of the year.

5—Markets and Slaughter-Houses.

17. The registers and accounts kept were duly checked with the counterfoils of receipts issued to stall-holders, &c., and with the other vouchers available. The following table shows the work done :—

Market Revenue.

	Markets.	Number of Receipts or Vouchers examined.	Amount.	Total No. of Receipts or Vouchers examined.	Total Amount.
			Rs. a. p.		Rs. a. p.
1	Fort General Market ...	530	6,925 4 0	530	6,925 4 0
2	Arthur Crawford Beef Market	332	10,309 0 0		
	Arthur Crawford Fish and Mutton Market	476	7,251 8 0		
	Arthur Crawford Mutton Market (new)	272	2,960 0 0		
	Arthur Crawford Fruit and Vegetable Market ...	2,280	54,208 2 0		
	Arthur Crawford Godowns...	120	6,212 0 0		
	Arthur Crawford Fowl Rooms	348	3,372 0 0	3,828	84,312 10 0
3	Erskine Road Mutton Market	456	6,752 0 0		
	Erskine Road Fruit and Vegetable Market (old) ...	1,812	22,809 12 0		
	Erskine Road Fruit and Vegetable Market (new)...	512	5,108 8 0	2,780	34,670 4 0
4	Bhoolcshwar Market ...	668	8,581 4 0	668	8,581 4 0
5	Colaba Market	280	735 4 0	280	735 4 0
6	Pedder Market	160	1,226 0 0	160	1,226 0 0
7	Foras Road Market	272	495 14 0	272	495 14 0
8	Sonapore Pork Market ...	2	100 0 0	2	100 0 0
9	DeLisle Road Sheep Market.	100	7,140 0 0	100	7,140 0 0
10	Fergusson Road Market ...	56	592 10 8	56	592 10 8
	Total ...	8,676	1,44,779 2 8	8,676	1,44,779 2 8

Other Revenue.

	Items.	Number of Receipts or Vouchers examined.	Amount.		
			Rs.	a.	p.
1	Squatters' Fees collected from contractors ...	89	23,825	0	0
2	Squatters' Fees collected departmentally ...	.....	2,661	15	9
3	Fair ground rent and feeding fees at Bandora ...	12	51,000	0	0
4	Slaughter Fees	365	1,35,143	11	0
5	License Fees from Butchers, Private Market Owners, &c.	3,935	16,327	0	0
6	Scale Fees at the Arthur Crawford Market ...	4	4,700	0	0
7	Verifying Weights and Measures	1,009	1,852	0	0
8	Sale proceeds of Blood (at Bandora)		180	0	0
9	Ground Rent...		72	0	0
10	Chawl Rent		2,465	0	0
11	Prices current		149	5	6
12	Garden Produce		34	4	0
13	Charges for using a gaslight in the Erskine Road Fish Market		15	0	0
14	Charges for carriage of meat for Commissariat Contractor	845	48	0	0
15	Sale Proceeds of meat or Animals seized under section 412 (1)		65	12	0
16	Sale Proceeds of Manure		94	4	0
17	Fees for producing office records, &c.		.....		
18	Do. giving Inspection...		1	0	0
19	Revenue from Toddy Trees...		.....		
20	Miscellaneous		20	6	0
	Total...	6,243	2,38,654	10	3

The total number of vouchers was 14,919 for Rs. 3,83,433-12-11. The total revenue collected appears duly credited in the Chief Accountant's books.

6—Victoria Gardens.

18. The Revenue books kept in the Superintendent's office were duly checked with the counterfoils of receipts issued for the sale of Garden Produce. The following table shows the work done in detail :—

Sale Proceeds of Garden Produce.

	Items.	No. of Receipts or Vouchers examined.	Amount.		
			Rs.	a.	p.
1	Flowers	2,071	1,819	11	0
2	Plants	487	1,338	11	8
3	Leaves	344	155	11	0
4	Seeds	63	114	10	0
5	Fruits	14	10	1	0
6	Miscellaneous	56	641	5	6
	Total ...	3,035	4,580	2	2

The total revenue collected appears duly credited in the Chief Accountant's books.

7—Rent Accounts of Health Camps.

19. The rent accounts of the several Health Camps in charge of the respective district officers were duly checked each month with the counterfoils of receipts issued to the occupiers of the various huts or rooms (as the case may be) in each camp, and with the other vouchers available from July 1898 to the end of March 1899 in compliance with the directions contained in your No. 8972 of 11th July 1898. The object of the Audit being to see that the rents charged as shown by the books were at the rates fixed under due authority, and that they were all paid into the Municipal Treasury. The following table shows the work done in detail :—

	Names of Camps.	Wards.	Place where examined.	No. of Receipts Examined.	Amount.			Remarks.
					Rs.	a.	p.	
1	Elphinstone Bridge Camp.	B ...	District Office No. 3 at Dongri Oomer-khadi.	364	789	0	0	With the exception of one shop only, the whole of the camp was allowed to be occupied only by contacts free of rent from February 1899.
2	Goculdas Tejpal Camp.	C ...	Central Office No. 5 at Dhobitalao.	1,322	2,535	8	0	
3	Nariel Wadi Camp.	E (east).	Central District No. 9 at Wari Bundar.	607	1,188	0	0	
4	Sankli Street Camp	Do. ...	District Office No. 8 at Madanpura Ripon Road.	178	192	0	0	
5	Foras Road (or Elappa Balaram) Camp.	E (west).	District Office No. 6 at Grant Road.	238	317	0	0	The camp was handed over to Rao Bahadur Ellappa Balaram in March 1899.
	Total ...			2,709	5,128	8	0	

8—General.

20. As the monthly or quarterly audit of the several departments proceeded, the errors, irregularities, or omissions, which were discovered in the course of it, were brought to the notice of the heads of departments concerned by means of official communications addressed to them through you.

II—REFUND AUDIT.

1—Assessment Department.

21. The subjoined table shows the number and amount of claims to refund for vacancy under Sections 174 to 179 of the Act, and on account of over-collections which were scrutinized and sanctioned by this office in the year under report :—

Wards.	Number of Claims.	Amount of Refund sanctioned.
		Rs. a. p.
A—Fort and Colaba	269	11,176 15 9
B—Mandvi	278	2,865 13 9
C—Bhuleshwar	330	4,174 12 9
D—Girgaum	180	4,208 9 9
E—Byculla	236	4,712 7 0
F—Parel	42	3,215 4 4
G—Mahim	70	970 12 6
Total ...	1,305	31,324 11 10

The sum of Rs. 31,324-11-10 shown in the above table was sanctioned under the following heads of Revenue :—

Items.	Amount Rs. a. p.
General Tax	8,885 8 10
Water Tax	16,163 4 8
Halalkhor Tax	6,270 0 4
Vehicle and Animal Tax.. ...	5 6 0
Toll Fees...	.....
Meter Hire	.....
Process Fees	0 8 0
Total ... Rs.	31,324 11 10

2—Town Duty Refunds.

22. As the Port Trustees and the two Railway Companies send in no Administration reports of the Town Dues collected by them on behalf of the Municipality, it is usual for this office to submit the two statements (compiled in respect of collections from figures supplied by the Chief Accountant) marked as Appendices H and I to this report. The following table compares the total results for the year under report with those for the preceding year, and shows that while there have been marked increases both in the collections and in the refunds, these almost balance each other with the result that the net revenue shows the insignificant increase of Rs. 996-11-3 over the previous year :—

Year.	Gross Revenue.	Total Refunds.	Net Revenue.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1897-98	17,29,760 15 7	7,37,804 5 0	9,91,956 10 7
1898-99	22,55,540 4 10	12,62,586 15 0	9,92,953 5 10

23. Viewing these results in their details as shown by the Statements H and I it will be seen, first, with regard to the gross collections, that, with the exception of sugar which shows a marked falling off, there have been increases under all the other articles, notably grain, wines and spirits, ghee, timber and firewood. The increases under grain and ghee are due both to larger imports and to enhanced rates of duty, those under flour and fire wood to enhanced rates only, the imports being in fact smaller than those of the previous year, while the increases under the remaining heads are due solely to larger imports, there having been no change in the rates of duty.

24. The refunds, on the other hand, exhibit increases under every head, due in each case to larger exports, coupled, in the case of grain, flour, ghee, and firewood, with the enhanced rates of duty already alluded to.

25. Coming to the details of net revenue, the large increase of Rs. 2,33,695-0-6 contributed to by all the articles except sugar, has been almost wholly counterbalanced by the decrease of Rs. 2,32,698-5-3 under the latter head. This falling off under sugar can be explained by the assumption that the heavy preponderance of the previous year's imports over its exports left, after allowing for local consumption during that year, a large balance available for exports during the year under report, thereby making the net yield during the latter year appear abnormally small just as it showed that of the former year abnormally large.

26. The total amount of refunds claimed during the year was Rs. 13,47,419-2-0, of which sum Rs. 84,832-3-0 were retrenched as follows :—

	Rs.	a.	p.
On account of claims legally inadmissible	11,229	6	0
Excess of amounts claimed over those actually due	73,602	13	0
Total ... Rs.	84,832	3	0

27. The number of claims disposed of during the year was 34,856 (against 28,072 in the previous year), which gives an average of nearly 125 claims per every working day in the year.

Conclusion.

28. In addition to the above, the office had to deal with correspondence of all departments affecting revenue which passes through this office and with questions of principles relating to revenue, the importance of which can scarcely be judged by the number of inward and outward references which were respectively 4,426 and 4,922 in the year under report.

29. It will be seen from para. 19 above that in the year under report an additional burden was thrown upon this department in the shape of the audit of the rent accounts of the various Health Camps in the city. This, besides adding to their work at this office, necessitated the attendance and occupation of two of the clerks of this office on several days in each month (hereafter it will be in each quarter) at the Camps. These men have also, among other duties, to audit the Health Department Accounts, and in regard to these too it has to be noted that since the re-organization of that department during the year under report, the men have had to audit five different sets of accounts, one at the head office of the Health Department and four at the Divisional offices, in lieu of only one set which under former conditions, had to be checked only at the head office. All this increase of work it has been possible to cope with only by utilizing the assistance of such irresponsible persons as candidates, but as this is undesirable, the assistance of an extra clerk will before long have to be asked for.

Appendix A.

STATEMENT of Balances examined quarterly during 1898-99.

No. of Ward Clerks.	Wards.	Balance examined on 1st April 1898.		Balance examined on 1st July 1898.		Balance examined on 1st October 1898.		Balance examined on 4th January 1899.		Total Balance examined during the year 1898-99.	
		No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.
			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
9	A—Fort and Colaba ...	501	39,653 0 1	2,960	3,65,180 6 4	766	41,001 15 5	3,259	3,03,973 10 9	7,486	7,49,809 0 7
10	B—Mandvi	144	7,050 15 9	2,635	1,65,798 14 4	80	3,570 7 9	2,459	1,29,527 1 11	5,316	3,05,947 7 9
12	C—Bhuleshwar ...	405	14,710 13 1	3,994	1,99,740 5 7	880	16,153 4 8	2,736	1,43,096 0 10	7,515	3,73,700 8 2
7	D—Girgaum	584	17,645 12 2	2,469	1,28,317 1 5	859	28,659 3 11	1,947	79,473 9 9	5,859	2,54,095 11 3
12	E—Byculla	376	14,090 6 5	1,696	76,161 13 9	637	20,433 11 4	1,999	90,043 14 8	4,708	2,00,729 14 2
5	F—Parel	165	9,946 5 5	769	23,797 2 2	148	5,555 3 1	784	17,718 1 6	1,866	56,016 12 2
5	G—Mahim	366	3,977 13 3	1,472	52,200 1 10	315	10,757 2 6	1,324	42,778 1 2	3,477	1,09,713 2 9
60	Total ...	2,541	1,07,075 2 2	15,995	10,10,195 13 5	3,185	1,26,131 0 8	14,508	8,06,610 8 7	36,227	20,50,012 8 10

Appendix B.

STATEMENT showing the Number of Exemptions checked during 1898-99.

Wards.	Total No. of Properties in Form I, the General Tax Book.	OF WHICH NUMBER EXEMPTED FROM THE PAYMENT OF						REMAINDER, BEING NUMBER WHICH PAY		
		The General Tax.				The Water Tax.	The Halalkhor Tax.	The General Tax.	The Water Tax.	The Halalkhor Tax.
		No. of Religious and Charitable Institutions.	No. of Properties vesting in and occupied by the Corporation.	No. of Properties of small value for which no bills are issued.	Total.					
A—Fort and Colaba...	4,784	148	174	*Nil.*	322	1,236	1,452	4,462	3,548	3,332
B—Mandvi	6,383	185	107	2	294	1,131	1,110	6,089	5,252	5,273
C—Bhuleshwar ...	8,761	646	157	6	809	635	631	7,952	8,126	8,130
D—Girgaum ...	5,076	297	61	19	377	777	735	4,699	4,299	4,341
E—Byculla	9,549	384	375	67	826	2,008	2,067	8,723	7,541	7,482
F—Parel	9,722	171	68	4,693	4,932	7,057	6,985	4,790	2,665	2,737
G—Mahim	9,374	99	188	2,762	3,049	5,335	5,280	6,325	4,039	4,094
Total ...	53,649	1,930	1,130	7,549	10,609	18,179	18,260	43,040	35,470	35,389

Appendix C.

STATEMENT of Entries in the Vehicle and Animal Tax Book checked with the Quarterly Return and Forms VI and VIII.

Wards.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total No. of entries.
A—Fort and Colaba ..	687	863	947	1,030	3,527
B—Mandvi	473	529	618	680	2,300
C—Bhuleshwar ...	744	834	905	990	3,473
D—Girgaum ...	708	897	982	1,105	3,692
E—Byculla	397	552	582	616	2,147
F—Parel	216	235	248	278	977
G—Mahim	159	206	227	269	861
Total ...	3,384	4,116	4,509	4,968	16,977

Appendix D.

STATEMENT of One-fifth Drawback Cases scrutinized during 1898-99.

Ward.	1st half of 1898-99.			2nd half of 1898-99.			Total for the year.		
	Number of claims received.	Number of claims admitted.	Amount of drawback sanctioned.	Number of claims received.	Number of claims admitted.	Amount of drawback sanctioned.	Number of claims received.	Number of claims admitted.	Amount of drawback sanctioned.
			Rs. a. p.			Rs. a. p.			Rs. a. p
A—Fort and Colaba.	469	395	5,720 10 6	524	452	6,391 3 0	993	847	12,111 13 6
B—Mandvi	1,658	1,338	9,206 2 7	1,735	1,375	9,276 1 2	3,393	2,713	18,482 3 9
C—Bhuleshwar ...	2,102	1,855	12,658 11 3	2,327	1,919	12,917 2 9	4,429	3,774	25,575 14 0
D—Girgaum ...	874	635	3,579 14 6	860	610	3,523 8 0	1,734	1,245	7,103 6 6
E—Byculla	1,586	1,229	5,533 6 0	1,670	1,313	5,916 5 2	3,256	2,542	11,449 11 2
F—Parel	290	218	973 12 7	346	245	1,026 9 3	636	463	2,000 5 10
G—Mahim	268	199	1,082 0 1	335	239	1,251 7 2	603	438	2,333 7 3
Total ...	7,247	5,869	38,754 9 6	7,797	6,153	40,302 4 6	15,044	12,022	79,056 14 0

Appendix E.

STATEMENT of Alterations in Valuation and in Demand checked by this Office during 1898-99.

Wards.	Total number of Increase and Decrease entries in Forms 11, 11A, and 11B.	Original valuations.	Revised valuations.	Difference.	
				Increase.	Decrease.
		Rs.	Rs.	Rs.	Rs.
A—Fort and Colaba ...	844	12,29,632	14,88,297	2,58,665	.....
B—Mandvi	906	9,44,228	9,73,357	29,129	.....
C—Bhuleshwar... ...	887	9,86,458	10,33,538	47,080	.....
D—Girgaum	669	4,23,957	4,95,716	71,759	.....
E—Byculla	1,213	8,22,538	8,47,191	24,653	.....
F—Parel...	524	4,09,197	4,36,285	27,088	.....
G—Mahim	708	2,90,730	3,64,677	73,947	.....
Total ...	5,751	51,06,740	55,39,061	5,32,329	.....

Appendix F.

STATEMENT showing the Demands, Collections, and Outstandings for 1898-99 checked by the Revenue and Record Audit Office.

Wards.	Total Demands as represented by Collectors.					Reductions which were either allowed or for which allowance will be claimed.					Net demand for collection.					Corrections [and Deductions] (Increase or Decrease) including Departmental Adjustments.	Irrecoverable Bills written off.					Balance at the close of the year.				
	General Tax.	Water Tax.	Statistical Tax.	Vehicle and Animal Tax.	Total.	General Tax.	Water Tax.	Statistical Tax.	Vehicle and Animal Tax.	Total.	General Tax.	Water Tax.	Statistical Tax.	Vehicle and Animal Tax.	Total.		General Tax.	Water Tax.	Statistical Tax.	Vehicle and Animal Tax.	Total.	General Tax.	Water Tax.	Statistical Tax.	Vehicle and Animal Tax.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A ...	7,58,435 3 7	4,32,696 3 4	1,41,859 13 4	38,102 9 2	13,71,153 14 5	56 0 0	14,274 3 10	4,918 1 7	1,413 6 0	20,662 1 7	7,57,879 3 7	4,27,422 0 6	1,36,941 11 4	36,689 3 2	13,58,932 13 3	32,709 2 8	....	....	....	65 8 8	65 8 8	8,490 8 10	38,274 8 4	6,020 10 20	2,087 23 1	55,873 7 1
B ...	3,58,648 8 3	1,47,987 3 9	1,07,325 5 4	29,749 4 9	8,03,835 13 1	6,218 8 8	3,113 12 3	1,110 10 0	308 15 6	10,751 12 5	3,52,430 0 7	1,44,873 6 6	1,06,215 11 4	29,440 9 3	7,93,084 6 11	8,16,748 0 4	....	543 8 1	....	....	543 8 1	4,156 5 0	5,784 12 4	1,895 14 11	581 12 8	12,377 12 3
C ...	4,53,289 1 3	3,10,549 5 8	1,15,488 9 11	33,021 29 8	9,07,741 4 6	8,446 3 8	6,468 4 8	2,347 4 8	643 1 6	17,905 14 6	4,44,843 8 4	3,04,081 1 0	1,13,141 12 3	32,377 28 2	8,89,843 5 4	9,83,163 8 8	....	....	....	317 12 0	317 12 0	6,242 5 3	6,729 12 7	2,344 28 1	704 28 2	15,981 7 11
D ...	2,49,219 4 3	1,58,191 4 21	44,050 3 14	10,921 3 6	4,62,381 11 1	8,216 8 3	3,932 7 6	1,162 11 0	2,167 11 0	13,949 3 9	2,41,002 15 9	1,54,258 13 15	42,888 3 8	8,753 7 6	4,48,432 3 4	8,80,483 2 6	8,80,783 2 6	....	....	....	7 4 6	7 4 6	9,243 7 8	4,219 4 4	1,159 3 8	9,924 2 6	30,888 11 6
E ...	3,75,385 3 33	2,46,150 8 3	1,04,214 33 3	18,541 13 3	6,44,291 7 7	7,297 8 6	11,449 10 1	3,892 9 1	22 11 0	22,662 10 8	3,67,987 14 33	2,34,700 15 2	1,00,321 12 2	18,518 13 3	6,21,628 7 11	8,16,554 3 8	31 3 5	84 4 6	55 0 15	17 3 8	187 7 1	7,933 3 3	9,464 7 11	3,826 12 5	648 2 8	21,872 15 7
F ...	55,899 7 7	39,035 8 7	13,564 11 5	3,671 1 3	1,12,170 12 9	6,017 6 6	2,556 5 6	751 9 0	61 9 6	9,386 14 6	49,881 15 1	36,478 3 1	12,812 14 5	3,609 7 3	1,02,783 14 3	1,49,088 7 8	....	....	....	....	....	8,014 8 9	4,040 32 6	1,188 8 1	165 0 3	13,310 1 8
G ...	2,93,471 7 1	2,42,103 8 8	31,496 15 1	9,169 14 4	6,74,675 13 8	6,555 8 1	2,896 23 15	1,017 15 6	27 0 0	10,496 8 8	2,86,915 15 0	2,39,206 15 7	30,478 15 7	9,142 14 4	6,64,179 5 6	8,81,351 8 8	1 4 8	0 9 7	4 9 10	13 0 5	19 7 8	5,262 7 3	5,782 4 8	1,004 8 13	143 15 5	12,192 8 8
Total ...	29,68,312 11 8	14,83,526 13 1	7,57,715 14 11	1,73,811 8 7	53,83,366 8 3	71,730 13 5	53,151 15 19	8,953 4 7	4,673 15 0	1,38,508 18 0	29,31,312 14 3	14,30,374 14 11	7,56,761 8 4	1,69,138 13 3	52,27,588 15 1	45,94,600 12 12	13 8 8	618 4 6	55 10 8	208 0 8	895 10 10	28,156 0 7	48,899 5 8	9,948 10 22	8,621 8 1	1,15,625 4 4
Mere Rims ...	.....	.....	.....	.....	16,193 8 7	.....	.....	.....	.....	377 4 8	.....	.....	.....	.....	15,892 11 3	15,891 12 4	....	....	....	....	....	.....	.....	.....	.....	2,733 0 0
Excess Debited and Credited [Net] ...	.....	.....	.....	.....	2,76,374 15 8	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,94,274 15 9	2,94,274 15 9	....	....	....	....	....	.....	.....	.....	.....	.....
Total ...	29,68,312 11 8	14,83,526 13 1	7,57,715 14 11	1,73,811 8 7	49,14,284 14 4	71,730 13 5	53,151 15 19	8,953 4 7	4,673 15 0	1,39,283 8 8	29,31,312 14 3	14,30,374 14 11	7,56,761 8 4	1,69,138 13 3	47,81,010 6 8	47,81,010 6 8	13 8 8	618 4 6	55 10 8	208 0 8	895 10 10	28,156 0 7	48,899 5 8	9,948 10 22	8,621 8 1	1,15,625 4 4

Appendix G.

STATEMENT showing the Licenses for 1898-99, the issue of which was sanctioned by the Commissioner under Sections 394 and 393 of the Municipal Act.

TRADE.	No. of Licenses, the issue of which was sanctioned by the Commissioner.								Deduct No. of Licenses for 1898-99, since cancelled by the Commissioner.		REMAINDER.	
	In 1898-99.		In 1899-1900 for 1898-99.		Total.							
	No. of Licenses.	Amount.	No. of Licenses.	Amount.	No. of Licenses.	Amount.			No. of Licenses.	Amount.	No. of Licenses.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.				Rs. a. p.		Rs. a. p.
Bones	3	45 0 0	.....	.....	3	45	0	0	.....	.....	3	45 0 0
Bricks (Hand-made)	19	190 0 0	1	10 0 0	20	200	0	0	.....	.....	20	200 0 0
Candles	2	10 0 0	.....	.....	2	10	0	0	.....	.....	2	10 0 0
China Grass, Cocoanut Fibres, Flax, Hemp, Jute, and Tow	30	390 0 0	.....	.....	30	390	0	0	.....	.....	30	390 0 0
Charcoal	142	710 0 0	.....	.....	142	710	0	0	.....	.....	142	710 0 0
Coal and Coke	75	1,050 0 0	1	20 0 0	76	1,070	0	0	.....	.....	76	1,070 0 0
Cloths in Indigo	40	800 0 0	.....	.....	40	800	0	0	.....	.....	40	800 0 0
Cloths in other Colours	153	765 0 0	1	5 0 0	154	770	0	0	.....	.....	154	770 0 0
Chemical Preparations...	53	1,765 0 0	.....	.....	53	1,765	0	0	.....	.....	53	1,765 0 0
Cotton, Cotton Refuse or Seed ...	188	2,820 0 0	4	60 0 0	192	2,880	0	0	.....	.....	192	2,880 0 0
Dammer, Tar or Pitch	27	270 0 0	.....	.....	27	270	0	0	.....	.....	27	270 0 0
Fat and Tallow...	18	270 0 0	.....	.....	18	270	0	0	.....	.....	18	270 0 0
Fins	14	210 0 0	1	15 0 0	15	225	0	0	.....	.....	15	225 0 0
Fish (Dried)	21	465 0 0	.....	.....	21	465	0	0	.....	.....	21	465 0 0
Fireworks (Retail)	143	715 0 0	.....	.....	143	715	0	0	.....	.....	143	715 0 0
Fireworks (Wholesale)...	16	505 0 0	.....	.....	16	505	0	0	.....	.....	16	505 0 0
Firewood (Retail)	313	626 0 0	.....	.....	313	626	0	0	.....	.....	313	626 0 0
Firewood (Wholesale)	695	8,075 0 0	4	40 0 0	699	8,115	0	0	.....	.....	699	8,115 0 0
Gas	2	100 0 0	.....	.....	2	100	0	0	.....	.....	2	100 0 0
Gunpowder or Blasting Powder (Retail)	25	125 0 0	.....	.....	25	125	0	0	.....	.....	25	125 0 0
Gunpowder or Blasting Powder (Wholesale)	15	750 0 0	.....	.....	15	750	0	0	.....	.....	15	750 0 0
Hides and Skins (Raw) (Tannery) ...	13	650 0 0	.....	.....	13	650	0	0	.....	.....	13	650 0 0
Hides and Skins (Dried)	17	255 0 0	.....	.....	17	255	0	0	.....	.....	17	255 0 0
Horns and Hoofs	28	640 0 0	2	35 0 0	30	675	0	0	.....	.....	30	675 0 0
Hay, Straw, and Grass...	126	3,295 0 0	9	200 0 0	135	3,495	0	0	.....	.....	135	3,495 0 0
Kerosine Oil (Retail)	1,132	5,660 0 0	4	20 0 0	1,136	5,680	0	0	.....	.....	1,136	5,680 0 0
Kerosine Oil (Wholesale)	28	2,800 0 0	1	100 0 0	29	2,900	0	0	.....	.....	29	2,900 0 0

Lime for Burning (Lime Kiln) ...	11	550	0	0	1	50	0	0	12	600	0	0	.....	.....	12	600	0	0
Matches (Retail)	72	360	0	0	.....	.....			72	360	0	0	.....	.....	72	360	0	0
Matches (Wholesale)	19	190	0	0	.....	.....			19	190	0	0	.....	.....	19	190	0	0
Matals (Casting)	201	1,715	0	0	1	5	0	0	202	1,720	0	0	.....	.....	202	1,720	0	0
Oils, Vegetables, manufactured or prepared otherwise than by Mechanical Power	133	864	0	0	1	7	0	0	134	871	0	0	.....	.....	134	871	0	0
Oils, Vegetables, manufactured or prepared by Mechanical Power ...	2	75	0	0	.....	.....			2	75	0	0	.....	.....	2	75	0	0
Oils, Vegetables or Animal (Storing)..	237	3,574	0	0	1	20	0	0	238	3,594	0	0	.....	.....	238	3,594	0	0
Liquids coming under the head of Petroleum (Retail)	22	104	0	0	.....	.....			22	104	0	0	.....	.....	22	104	0	0
Liquids coming under the head of Petroleum (Wholesale)	4	100	0	0	.....	.....			4	100	0	0	.....	.....	4	100	0	0
Paper	1	15	0	0	.....	.....			1	15	0	0	.....	.....	1	15	0	0
Pottery	32	160	0	0	.....	.....			32	160	0	0	.....	.....	32	160	0	0
Rags	2	30	0	0	.....	.....			2	30	0	0	.....	.....	2	30	0	0
Rangoon or Burmah Oil	5	27	8	0	.....	.....			5	27	8	0	.....	.....	5	27	8	0
Rosin	13	65	0	0	.....	.....			13	65	0	0	.....	.....	13	65	0	0
Saltpetre...	19	95	0	0	.....	.....			19	95	0	0	.....	.....	19	95	0	0
Sulphur (Retail)	36	180	0	0	.....	.....			36	180	0	0	.....	.....	36	180	0	0
Sulphur (Wholesale)	12	180	0	0	.....	.....			12	180	0	0	.....	.....	12	180	0	0
Silk	13	65	0	0	.....	.....			13	65	0	0	.....	.....	13	65	0	0
Soap	8	120	0	0	1	15	0	0	9	135	0	0	.....	.....	9	135	0	0
Stables for Horses	90	2,275	0	0	2	25	0	0	92	2,300	0	0	.....	.....	92	2,300	0	0
Stables for Milch Cattle	92	3,495	0	0	.....	.....			92	3,495	0	0	.....	.....	92	3,495	0	0
Stables for Bullocks	65	655	0	0	.....	.....			65	655	0	0	1	15 0 0	64	640	0	0
Timber	790	6,945	0	0	11	70	0	0	801	7,015	0	0	.....	.....	801	7,015	0	0
Turpentine (Retail)	111	555	0	0	.....	.....			111	555	0	0	.....	.....	111	555	0	0
Turpentine (Wholesale)	7	105	0	0	.....	.....			7	105	0	0	.....	.....	7	105	0	0
Wool	92	1,380	0	0	2	30	0	0	94	1,410	0	0	.....	.....	94	1,410	0	0
Waste Paper	47	47	0	0	.....	.....			47	47	0	0	.....	.....	47	47	0	0
Storing Skins (Raw) and Wool, &c....	34	2,210	0	0	.....	.....			34	2,210	0	0	.....	.....	34	2,210	0	0
Cotton, Wool, Hemp, Hay, &c., &c. ...	1	45	0	0	.....	.....			1	45	0	0	.....	.....	1	45	0	0
Steam Whistles used in Mills ...	18	180	0	0	.....	.....			18	180	0	0	.....	.....	18	180	0	0
Total ...	5,527	60,317	8	0	48	727	0	0	5,575	61,044	8	0	1	15 0 0	5,574	61,029	8	0

Appendix H.

STATEMENT contrasting the Collections, Refunds, and Net Revenue from Town Duties for the years 1897-98 and 1898-99.

Name of Article.	COLLECTIONS.						REFUNDS.								NET REVENUE.			
	1897-98.		1898-99.		Increase in 1898-99.	Decrease in 1898-99.	1897-98.			1898-99.			Increase in 1898-99.	Decrease in 1898-99.	1897-98.	1898-99.	Increase in 1898-99.	Decrease in 1898-99.
							On account of Exports.	On account of Articles supplied to Government.	Total.	On account of Exports.	On account of Articles supplied to Government.	Total.						
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain @ As. 8 per Candy	1,32,972 11 8						48,470 11 0			16,250 0 0								
Do. @ As. 4 do.			6,33,743 15 5							3,56,627 0 0								
Total		1,86,372 11 8		6,85,222 15 5	4,82,850 3 9			48,470 11 0	48,470 11 0			3,73,906 0 0	3,73,906 0 0	3,24,435 6 0				
Flour @ As. 1½ per Candy	91 1 0						3,850 7 0			490 15 0					1,10,015 13 8	2,40,867 6 3	1,30,851 8 7	
Do. @ As. 3 do.			851 8 0							31,460 0 0								
Total		91 1 0		801 8 0	7 3 0		3,850 7 0		3,850 7 0			16,050 13 0	16,050 13 0	13,470 11 0				
Sugar @ As. 8 per Cwt.		9,55,132 8 0		8,67,782 9 3		67,335 14 9		6,01,027 8 0	6,01,027 8 0			2,74,891 4 0	2,74,891 4 0	2,71,336 7 9				2,37,633 5 3
Wines and Spirits @ As. 4 per Impl. Gallon		8,21,703 5 10		2,59,378 5 6	25,363 3 1			16,537 6 0	16,537 6 0	23 11 0	10,625 13 0	10,649 8 0			2,16,027 3 10	2,41,725 9 4	25,738 5 6	
Beer @ 9 pice per Impl. Gallon		27,269 9 6		23,649 13 0	6,081 3 6			15,758 4 0	15,758 4 0		13,758 4 0	13,758 4 0			11,890 5 6	14,703 3 0	2,812 12 6	
Ghee @ As. 2 per 2-Day Maund	1,78,834 10 5						25,777 8 0			2,022 2 0								
Do. @ As. 10 do.			9,52,836 10 0							46,804 5 0								
Total		1,78,834 10 5		7,22,976 10 0	47,041 15 7		25,777 8 0		22,077 8 0			48,844 7 0	48,844 7 0	10,766 15 0				
Timber @ 2½ per Cubic ft. Market Value		3,16,548 0 6		3,38,775 0 4	27,123 10 4			17,304 5 0	17,304 5 0			17,079 5 0	17,079 5 0	89 0 0				
Firewood @ Anna 1 per Candy	54,670 5 0																	
Do. @ Annas 3 do.			67,819 11 5															
Total		54,670 5 0		67,335 13 5	32,162 5 9										54,670 5 0	67,819 11 5	13,149 6 5	
					55,193 8 6	67,335 14 9											2,37,633 5 3	2,37,633 5 3
					67,335 14 9												2,37,633 5 3	
Total Rs.		17,39,762 15 7		17,35,843 4 10	3,26,771 5 3	67,335 14 9	7,27,715 14 0	39 11 0	7,27,755 5 0			12,63,309 4 0	2,084 11 0	12,65,393 15 0	6,24,752 10 0	9,91,836 10 7	3,67,084 0 7	2,37,633 5 3

* Blocked in Rs. 1,73,8-6. The difference, Rs. 1,8-,1 [illegible] the amount short credited by the B. B. & C. I. Railway Company. Steps have been taken for the due payment of this account.

Appendix I.

STATEMENT contrasting the Imports, Exports, and Balance of the several Articles subjected to Town Duty during the year 1898-99 with those for 1897-98.

Name of Article.	IMPORTS.					EXPORTS AND SUPPLY TO GOVERNMENT BY CONTRACTORS.								BALANCE (LOCAL CONSUMPTION AND STOCK).			
	1897-98.	1898-99.	Increase in 1898-99.	Decrease in 1898-99.		1897-98.			1898-99.			Increase in 1898-99.	Decrease in 1898-99.				
						Exports.	Supplied to Government.	Total.	Exports.	Supplied to Government.	Total.			1897-98.	1898-99.	Increase in 1898-99.	Decrease in 1898-99.
Grain @ As. 3 per Candy ....Candies	15,42,983	..	..			3,87,765			1,30,312								
Do. do. 4 do. .... "	..	25,45,068				..			14,25,488								
Total ....Candies.	15,42,983	25,45,068	10,02,085	..		3,87,765	..	3,87,765	15,55,780	..	15,55,780	11,68,015	..				
Flour @ As. 1½ per Candy....Candies.	1,003	..				58,521			6,802					10,77,123	8,70,667	..	2,06,456
Do. do. 3 do. .... "	..	540				..			82,454								
Total ....Candies.	1,003	540	..	463		58,521	..	58,521	89,256	..	89,256	29,235	..				
Sugar @ As. 8 per Cwt.....Cwts.	19,10,226	17,95,502	..	1,14,723		12,03,253	..	12,03,253	18,49,763	4,169	18,53,932	5,50,677	..	7,06,970	2,41,570	..	4,65,400
Wines and Spirits @ As. 4 per Impl. Gallon .....Gallons.	9,27,853	10,37,805	1,09,952	..		67,349	355	67,704	70,123	..	70,123	2,419	..	8,60,149	9,67,682	1,07,533	..
Beer @ pies 6 per Impl. Gallon.. "	8,82,125	10,76,724	1,94,599	..		5,04,264	..	5,04,264	6,04,372	..	6,04,372	1,00,108	..	3,77,931	4,72,422	94,491	..
Ghee @ As. 8 per F'bay Maund..Maunds.	3,51,609	..	..			84,155			4,076								
Do. do. 10 do. do. .. "	..	3,56,723				..			85,290								
Total ....Maunds.	3,51,609	3,56,723	5,044	..		84,155	..	84,155	89,366	..	89,366	5,211	..	2,87,516	2,67,357	..	157
Timber @ 2½ per cent. on Market value .....Value Rs.	44,85,802	55,51,121	10,65,319	..		6,94,572	..	6,94,572	6,96,092	..	6,96,092	1,520	..	37,71,230	48,55,029	10,83,799	..
Firewood @ Anna 1 per Candy, Candies.	5,54,723	..															
Do. do. Annas 2 do. "	..	5,42,662															
Total ....Candies.	5,54,723	5,42,662	..	12,061			..			..		..	..	5,54,723	5,42,662	..	12,061

PUBLIC WORKS.

A.—Introductory Remarks	Page	312
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K.—Fire Brigade	,,	658
L.—Gardens	,,	692
M.—Victoria and Albert Museum	,,	697

Note.—The Report on Public Works—**A** to **I**—is by M. C. Murzban, Esq., C.I.E., F.R.I.B.A., M.INST.C.E., Executive Engineer, Municipality, forwarded with his letter No. 5967, dated 15th July 1899.

The Report on Special Drainage Works—**J**—is by J. W. Smith, Esq., M.INST.C.E., Special Drainage Engineer, forwarded with his letter No. S. D. 517, dated 24th June 1899.

The Report on Fire Brigade—**K**—is by W. Nicholls, Esq., Chief Officer of the Fire Brigade, forwarded with his letter No. 190, dated 15th May 1899.

The Report on Gardens—**L**—is by C. D. Mahaluxmivala, Esq., Superintendent of Municipal Gardens, forwarded with his letter No. 246, dated 15th May 1899.

The Report on Victoria and Albert Museum—**M**—is by the Secretary and Curator, Dr. MacDonald, M.D., B.SC., C.M., forwarded with his letter No. 153, dated 10th May 1899.

No. 5967 of 1899-1900.

Executive Engineer's Office,

Bombay, 15*th July* 1899.

To

The MUNICIPAL COMMISSIONER

for the City of Bombay.

Sir,

I have the honour to forward herewith the Administration Report of the Department under my control for the year 1898-99, as requested in your No. 280, dated 6th April 1899.

2. The report is divided under the following heads :—

	Paras.
A.—Introductory Remarks	3 to 13
B.—New Works, &c., General.....	14 to 84
C.—Drainage Works	85 to 212
D.—Water Works	213 to 312
E.—Regulation of Streets and Buildings	313 to 337
F.—Roads, Footpaths, &c.	338 to 350
G.—Public Lighting.....	351 to 363
H.—Workshops	364 to 380
I.—General—Contracts, Rights Sold, Bills, Notices and Correspondence, Summary of Clerical Work, Plague Operations, Municipal Properties and Municipal Servants' Act	381 to 636

A.

INTRODUCTORY REMARKS.

ESTABLISHMENT.

3. I held the appointment of Executive Engineer, Municipality, throughout the year and was assisted by the following Officers in conducting the duties of the different branches of the Department.

4. MR. C. C. JAMES, M.I.C.E., Deputy Executive Engineer, Water Works, now Acting as Deputy Executive Engineer, Drainage, having returned to the Municipality, on the abolition of the Plague Committee of which he was appointed a member on the 2nd of March 1897, was granted three months privilege leave which was subsequently converted into six months' sick leave from the 7th of May 1898 to the 6th of November 1898. On the latter date that officer resumed charge of his duties as Acting Deputy Executive Engineer, Drainage.

5. During his absence MR. JAMES W. SMITH, M.I.C.E., conducted the duties of Deputy Executive Engineer, Drainage, in addition to those of Special Drainage Engineer, assisted by MR. E. W. FERN, as Superintendent of Drainage.

6. MR. A. FAIRLIE BRUCE, M.I.C.E., Acting Deputy Executive Engineer, was in charge of the Water Works Branch, assisted by MR. NASSARWANJI DORABJI BHADA, L.C.E., A.M.I.C.E., Assistant Engineer.

7. MR. BHADA was allowed privilege leave for 2 months and 19 days from 3rd October to 21st December 1898.

8. MR. MANEKJI SHERIARJI BHARUCHA, L.C.E., Assistant Engineer, General Department, was in charge of the Road Branch. He also assisted me in preparing projects for new works, framing reports and supervising the new works in the General Department.

9. MR. B. H. HEWETT, A.M.I.C.E., Assistant Engineer, was in charge of the Mechanical Branch and supervised the working, repairs and maintenance of the Love Grove Pumping Station, the Colaba Air Compressor Station, the Municipal Workshops and the Electric Light Installation, &c., &c.

10. MR. JAMSHEDJI DADABHAI NADARSHAH, L.C.E., Special Assistant Engineer, was in charge of the House Inspection Branch. He was assisted by MESSRS. MANEKLAL NARBHERAM, L.C.E., and N. D. KATRAK, L.C.E., Superintendents in that Branch.

11. MESSRS. KAIKHASRU PESTANJI BHEDWAR, L.C.E., NAVROJI HORMASJI KATRAK, L.C.E., HARI BHIKAJI BHANDARE, L.C.E., and PESHOTAN H. DASTUR, Divisional Superintendents, assisted me in matters connected with the Regulations of Streets and Buildings.

12. MR. KAIKHASRU PESTANJI BHEDWAR was granted one year's furlough from 9th December 1897 to 8th December 1898, and MR. PESHOTAN H. DASTUR acted in his absence during that period.

13. MR. GOVINDRAM DULLUBHRAM, Architectural Surveyor, was in charge of the Architectural and Drawing Branches. He helped me in preparing plans and estimates and supervising the construction of new buildings and the maintenance of existing ones. He also supervised the construction of the several temporary hospitals, Segregation and Health Camps, &c., in connection with the measures taken for the suppression of the plague.

B.

NEW WORKS, &c., GENERAL.

MUNICIPAL BUILDINGS, NEW ROADS, &c.

Construction and Repairs.

NEW WORKS, GENERAL—

	Paras.
List of Works completed during the previous years, but the accounts of which remained unadjusted till the commencement of the year under report	14
List of Works which were in progress at the beginning of the year under report and completed during that year	14
List of Works which were commenced and completed during the year	14
List of Works which were commenced but not completed during the year	14
List of Works which have been sanctioned but not proceeded with or postponed during the year	14
FIRE BRIGADE STATIONS—	
Stations completed up to the end of the year 1898-99	14, 16 to 22 & 83
MUNICIPAL MARKETS, SHEDS, &c.—	
Market at Fergusson Road	14, 23 to 26
Extension of the Beef Slaughter House at Bandora...	14, 27 & 28
Filling in quarry holes near the Slaughter Yard at Bandora	14 and 29
Construction of two additional sheds for sheep and goats at Bandora	14, 30 & 31

	Paras.
CHALS, QUARTERS AND OFFICES FOR MUNICIPAL EMPLOYES, &c.—	
Quarters for Malees in the Victoria Gardens...	14, 32 & 33
Quarters for the Head Animal Keeper in the Victoria Gardens	14, 34 & 35
Additions and alterations to the Chal at Dadar.	14, 36 to 38
Ward Office for the Street and Building Branch of the Executive Engineer's Department at Gamdevi	14, 39 & 40
Providing a passage between the Chief Officer's Quarters and Cook-room at Sankli Tank Fire Brigade Station	83
Providing a latrine at Sankli Tank Fire Brigade Station	83
THE NASSERWANJEE MANECKJEE PETIT PUBLIC HALL.	41 to 43*c*
NEW ROADS, &c.—	
Reay Road	14, 44 to 48
Extension of Victoria Road	14 & 49
Road from Dongri Street, across Nawroji Hill to Elphinstone Bridge	14 & 50
Roads and Streets in Agripada and elsewhere.	14, 51 to 53
Arthur Road Diversion	14 & 54
FUTURE DISPOSAL OF THE SWEEPINGS OF THE CITY.	14, 55 to 76
MISCELLANEOUS WORKS—	
Burial Grounds, &c.	14, 77 to 82
Constructing a folding gateway in the compound of the Arthur Road Hospital ...	83
Repairing the building at Dockyard Road acquired for frontage land from Bai Navajbai Wadia	83
Providing a passage between Chief Officer's Quarters and Cook-room at Sankli Tank Fire Brigade Station	83

	Paras.
Providing a latrine at Sankli Tank Fire Brigade Station	83
Erecting a Zawli shed over the Garlick Incinerator	83
Making a teakwood partition around the Gas Register in the Police Chauki at Musjid Bunder	83
Monsoon Repairs to the Umerkhadi Chal ...	83
Erecting a corrugated sheet iron screen at Haines Road Cemetery	83
Repairs to bungalow at Dockyards acquired for frontage land from Bai Navajbai Wadia	83
Repairs to bungalow acquired for frontage land at the junction of Dockyard Road and Reay Road	83
Repairs to Municipal School at Ghorupdeo ...	83
Repairs to Worli School	83
Paving Ground under Dust-bin Carts ...	83
Constructing Chawkis for Cemetery Karkuns...	83
Providing a wooden staircase at the Inspector's Quarters at Girgam Police Station...	83

REPAIRS TO MUNICIPAL BUILDINGS, &c.,

IN CHARGE OF—

The Executive Engineer ;	
General and Street and Building Branches	84
Drainage Branch	84
Water Works Branch ...	84
The Special Drainage Engineer	84
The Executive Health Officer	84
The Chief Officer of the Fire Brigade ...	84
The Superintendent of Markets	84
The Superintendent of Municipal Gardens ...	84
The Curator, Victoria and Albert Museum ...	84

NEW WORKS, &c. ; GENERAL.

14. The following is a list of new works, each costing over Rs. 3,000 :—

Consecutive Number.	Description of Work, &c.	Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1899.	Dates or probable dates of completion.
	WORKS COMPLETED DURING THE PREVIOUS YEARS BUT THE ACCOUNTS OF WHICH REMAINED UNADJUSTED TILL THE COMMENCEMENT OF THE YEAR UNDER REPORT.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Buildings.				
1	Fire Brigade Station at Sankli Tank— Rs. a. p. Filling in of tank ... ... 67,197 0 0 Acquisition of Land ... ... 33,104 0 0 Buildings 1,07,905 0 0	2,08,206 0 0	1,74,458 11 6	.....	30th Nov. 1896.
	WORKS IN PROGRESS AT THE BEGINNING OF THE YEAR UNDER REPORT AND COMPLETED DURING THAT YEAR.				
	Buildings.				
2	Foreman and Engineer's Quarters at Fire Brigade Station, Gamdevi	15,528 0 0	14,447 10 8	.....	16th July 1898.
3	Ward Office Streets and Buildings Department, Gamdevi	4,389 0 0	4,239 7 6	.....	16th April 1898.

4	Removing the existing chunam covering of the terrace roofing, Victoria and Albert Museum, and recovering it with Indian Patent Stone	3,992	0	0	3,064	7	11	.....			18th May 1898.
5	Two additional sheds for sheep and goats at the Bandora Slaughter House	7,000	0	0	5,959	10	9	.....			2nd Jan. 1898.
6	Market at the junction of Fergusson and DeLisle Roads.	10,000	0	0	.....			6,829	12	9	31st Oct. 1898.
	Roads, &c.										
7	Filling in the quarry hole near the Railway Station, Bandora	4,177	0	0	3,883	5	7	.....			2nd May 1898.
8	Diversion of Arthur Road over the Masonry Bridge ...	22,991	0	0	16,266	11	1	.....			15th July 1898.
	Drainage Works.										
9	Converting Night-Soil Depôts at Bhangi Moholla and Haines Road into Receiving Depôts	15,587	0	0	13,647	12	0	.....			31st July1897. 24th Oct.1898.
10	Catch-pit on the Mint Road Sewer opposite the European General Hospital	4,920	0	0	.....			4,804	2	4	25th April 1899.
	Water Works.										
11	Laying new mains in various places	30,000	0	0	.....			27,688	1	8	30th May 1898.
12	Replacing the existing 3″ main in Worli Road with a 9″ main, Rs. 27,000. Amount to be charged to the grant of Rs. 27,000 ... Rs. 26,676 0 0 Amount to be charged to the Fund for renewal of mains Item No. 58 ... ... „ 32,605 0 0										
	Total cost of the work	59,281	0	0	.....			48,205	7	4	30th May 1898.

New Works, &c., General—(*continued*).

Consecutive Number.	Description of Work, &c.	Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1899.	Dates or probable dates of completion.
	WORKS IN PROGRESS AT THE BEGINNING OF THE YEAR UNDER REPORT AND COMPLETED DURING THAT YEAR—*contd.*	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Water Works—contd.				
13	Repairs to Kasheli Embankment, Tansa Duct	76,929 4 0	.....	65,056 7 5	30th June 1898.
14	Quarters for Sub-Inspector and Watchmen at Tansa Lake	12,000 0 0	.....	11,560 5 2	30th June 1898.
15	Removing and replacing filtering materials of No. 1 Filter Bed, Malabar Hill Reservoir	6,678 0 0	.....	6,358 9 7	
16	Alterations and improvements at the Malabar Hill Reservoir	75,000 0 0	.....	29,857 14 8	
	WORKS COMMENCED AND COMPLETED DURING THE YEAR.				
	Buildings.				
17	Quarters for 20 Mallees in the Victoria Gardens ...	13,600 0 0	12,123 0 5	.....	4th Oct. 1898.
18	Quarters for the Head Animal Keeper in the Victoria Gardens	8,796 0 0	.....	2,530 8 9	15th April 1899.

	WORKS COMMENCED BUT NOT COMPLETED DURING THE YEAR.					
	Buildings.					
19	Additions and alterations to the Municipal Chawl at Dadar	9,848 0 0	.....	416 0 3	20th June 1899.	
	Roads.					
20	Roads and Streets in Agripada and elsewhere—					
	For roads and frontages Rs. 24,50,000 0 0					
	For storm-water drains in Morland, Souter and Club Roads and Gilder Street ... Rs. 1,28,288 0 0					
		25,78,288 0 0	.....	23,92,512 7 2		
21	Road through Nawroji Hill from Elphinstone Bridge to Dongri Street...	3,32,033 0 0	.....	70,146 13 0		
22	Reay Road from Wari Bundar to Gunpowder Road, Mazagon. Rs. 7,30,000 0 0					
	Victoria Road Extension. „ 36,200 0 0					
	Burial Ground for Mahomedans and Beni-Israels. ... Rs. 2,41,955 0 0					
	10,08,155 0 0					
	Rs. a. p.					
	Grant made by the Municipality ... 8,51,655 0 0					
	Contribution of the Port Trustees towards the construction of the Reay Road ... 1,56,500 0 0	10,08,115 0 0	.....	6,33,482 0 5		

Consecutive Number.	Description of Work, &c.	Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1899.	Dates or probable dates of completion.
	WORKS COMMENCED BUT NOT COMPLETED DURING THE YEAR—*contd.*	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Miscellaneous.				
23	Burial Ground for Mahomedans at Tank Bandar. ...	1,75,000 0 0	.....	45,605 14 4	
24	Disposal of Town Sweepings at Devnar.	8,44,000 0 0	.....	6,41,203 14 0	
25	Burning and Burial Ground at Mahim...	30,774 0 0	.....	11,158 0 0	
26	Extension of the Sewri Cemetery.	87,111 0 0	.....	40,818 12 0	
	Drainage Works.				
27	Connecting the Valpakhadi Latrines with the new Sewer thereat and constructing two Hopper N. S. Depôts by the side of the Latrines	3,494 0 0	.....	* 49 15 0	30th April 1899.
28	Converting the old Engine House into an office and godown and constructing a shred lifter chamber with four shred lifters	25,625 0 0	.....	10,423 9 1	5th May 1899.
29	Making and fixing of 4 pairs of gates at the Love Grove Sluices...	7,345 0 0	.....	.....	15th June 1899.
	Water Works. Rs. a. p.				
30	Covering the Storage Basin at the Bhandarwada Reservoir and constructing filters over it ... ... 44,597 14 4 / 1,15,500 0 0	1,60,097 14 4	.....	1,30,438 14 11	

31	Purchasing and fixing New Pattern Hydrants for the watering of roads and for Fire Brigade use ...	50,000	0	0	.....	48,352	13	2
32	Re-constructing a portion of the Tansa Duct at the end of the 45th mile	10,175	0	0	.....	5,717	14	10
33	Improvements of the Outlet Towers at Vehar and Tulsi...	30,000	0	0	.....	283	14	4
	WORKS SANCTIONED BUT NOT PROCEEDED WITH OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS.							
	Buildings.							
34	Construction of a wall around the Hindu Burial Ground at Tank Bandar	3,029	0	0	.....	787	8	11
35	Health Department bullock stables and quarters for Sweepers in Ward E, near the Victoria Gardens ...	1,50,000	0	0	.....	44,437	1	5
36	New Market at Chowpati	17,000	0	0	.....	.....		
37	Quarters for Watchmen and Sluicemen at Malabar Hill Reservoir	4,700	0	0	.....	104	8	0
38	Quarters for Watchmen and Sluicemen at Bhandarwada Reservoir	4,006	0	0	.....	105	12	0
39	Extension of the Beef Slaughter-house at Bandora ...	6,000	0	0	.....	117	12	0
40	Marble relief in tympanum of the main arch at the Crawford Market now blocked with canvas	5,000	0	0	.....	.....		
	Roads.							
41	Roads between New Gilder Street and Ripon Road ...	2,50,000	0	0	.....	1,485	11	10
	Miscellaneous.							
42	Burning and Burial Ground at Worli	29,378	0	0	.....	.....		

New Works, &c., General—(*concluded*).

Consecutive Number.	Description of Work, &c.	Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1899.	Dates or probable dates of completion.
	WORKS SANCTIONED BUT NOT PROCEEDED WITH OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS—*contd.*	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Drainage Works.				
43	Colaba Latrines	24,598 0 0	.....	2,039 11 11	
44	Walkeshwar Latrines	5,882 0 0	.....	150 0 0	
45	Catchpit on the Hornby Road Sewer near the Crawford Markets	5,022 0 0	.....	.....	
46	Laying pipe Sewers in Sections 17, 19, 21, 39, 40 and 41, Mandvi District, which had been ordered to be omitted from the original contract	4,047 0 0	.....	4,031 1 3	
47	Providing 41 Manholes on the old Masonry Drains in Kamatipura	3,087 0 0	.....	.....	
	Water Works.				
48	Repairs to Tulsi Main Embankment between Santa Cruz and Vehar	5,000 0 0	.....	136 8 0	
49	Widening and repairing embankment on Vehar and Tulsi Lines	5,000 0 0	.....	51 7 6	
50	Repairing and strengthening Kasheli Embankment, Tansa Duct	35,892 0 0	.....	53 0 0	

51	Road from Vehar to Tulsi with a light Tramway to carry pipes	25,000	0	0	.....	471	3	6		
52	Laying 32″ main in Kalachauki Road from Parel Road to Ghorupdeo	33,844	0	0	.....	138	5	0		
53	Laying 12″ main to Sewri Cemetery Road from Ghorupdeo Road *via* Jackaria Bandar Road...	38,981	0	0	.....	160	15	3		
54	Laying 8″ main from Dockyard to Frere Road at Elphinstone Bridge	41,750	0	0	.....	172	6	1		
55	Laying 18″ main in Reay Road from Kalachauki Road to Bhandarwada Road	1,00,722	0	0	.....	417	5	4		
56	Laying 4″ Service pipe in Reay Road alongside of the 18″ main	16,000	0	0	.....	66	1	4		
57	Enlarging Sluice House near Kurla Railway Station ...	4,000	0	0	.....	.....				
58	Renewals of existing mains	3,00,000	0	0	.....	.....				

15. The following are details of some of the principal buildings enumerated in the foregoing statement :—

FIRE BRIGADE STATIONS.

16. A description of the eleven Fire Brigade Stations sanctioned by the Corporation under their Resolution No. 5144, dated 14th August 1892 and erected in different parts of the Island, are given in the previous reports. These have been completed, and particulars, as regards their cost, &c., are given in the subjoined statement.

17. The only remaining works were the quarters for the Foreman, Engineer, and Laskars at the Gamdevi Station and a few additional works, at the Sankli Tank Station.

18. The above works at the Gamdevi Station were completed on the 16th July 1898 and the buildings were occupied by the Fire Brigade on the following day.

19. The total expenditure on completion of the work has been Rs. 14,447-10-8.

20. All the works in connection with the Sankli Tank Station sanctioned by the Corporation under their Resolution No. 4466 of 9th August 1897, particulars of which were given in the last Administration Report, have been completed.

21. The total expenditure for the construction of this Station has been Rs. 1,74,453-11-6.

Fire Brigade Stations completed up to the end of [redacted]

22. The following statement shows the dates of commencement and completion, cost and other particulars regarding the quarters and Stations for Fire Brigade which have been completed :—

Locality.	Names of Contractors.	Date of Commencement of Work.	Date of Completion of Work.	Sanctioned Grant for the Work.	Total Cost of Work including Contingencies and Establishment.	Savings.	REMARKS.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba	Messrs. Ratanji Bezanji & Co..	30th October 1893.	30th June 1894.	26,468 0 0	(a)23,952 9 8	1,532 4 6	(a)For construction of the principal building.
	Messrs. Devram Keshowji & Co.	17th June 1896.	12th October 1896.		(b) 983 1 10		(b)For construction of extra works, viz., a coal-shed and a store-room.
Fort	Messrs. Spencer & Co. ...	6th January 1893.	28th February 1894.	36,201 0 0	31,454 7 2	4,746 8 10	
Bhuleshwar ...	Mr. Lakhmidas Shamji ...	11th April 1893.	7th December 1893.	52,815 0 0	51,589 10 8	1,225 5 4	
Mazagon	Messrs. Gangaram Lakshman & Co.	5th January 1893.	29th August 1893.	7,721 0 0	7,480 0 4	240 15 8	
Chinchpokli ...	Mr. Mancherji Kavasji Gazder	12th November 1894.	11th February 1895.	7,209 0 0	6,512 7 10	696 8 2	
DeLisle Road	Messrs. Mistri, Bhedwar, Vachaghandi & Co.	6th January 1893.	7th October 1893.	28,026 0 0	25,280 5 1	2,745 10 11	
Mahim	Do. do. ...	25th February 1893.	30th November 1893.	6,564 0 0	6,564 0 0	.....	
Dadar	Mr. Rastamji Nasarvanji Vachaghandi.	21st February 1893.	30th April 1893.	10,402 0 0	(a)2,008 6 1	1,341 13 0	(a)For filling in the tank on the site of the station.
	Messrs. Gangaram Lakshman & Co.	10th September 1894.	10th May 1895.		(b) 7,051 12 11		(b)For construction of the building.
Babula Tank...	Mr. Sayaji Naguji	5th May 1893.	2nd Sept. 1894.	58,285 0 0	(a)20,620 14 11	7,054 5 10	(a)For filling in the Tank on the site of the station.
	Messrs. Bhaskar Shivram and Dhondiba Hanmantrao.	10th May 1895.	30th April 1896.		(b)30,609 11 3		(b)For construction of the building.
Saukli Tank...	Mr. Sayaji Naguji	14th November 1892	10th Nov. 1893.		(a)62,794 13 10		(a)For filling in the tank on the site of the station.
	Mr. Muncherji Kawasji Gazdar	1st July 1895.	30th Nov. 1896.	2,08,206 0 0	(b)81,665 12 8	33,752 4 6	(b)For construction of the building.
	Mr. Navroji Jamshedji Cabinet-maker.	.....	.....		(c)29,993 1 0		(c)For land acquired for the station.
Gamdevi	Messrs. Pallonji Shapurji & Co.	17th January 1898.	16th July 1898	15,528 0 0	14,447 10 8	1,080 5 4	
			Total Rs. ...	4,57,425 0 0	4,03,008 13 11	54,416 2 1	

MUNICIPAL MARKETS, &c.

Market at Fergusson Road.

23. The construction of this market referred to in the last report was commenced on the 9th February 1898, and completed on 31st October 1898.

24. The total expenditure, passed up to 31st March 1899 has been Rs. 6,829-12-9.

25. The market was opened to the public on the 1st November 1898.

26. The occupation of the Stalls was sold by public auction on 29th October 1898, and realized Rs. 592-10-8 for the five months ending 31st March 1899. In addition to this, an amount of Rs. 594-11-6 was realized as squatters' fees during the same period. This is satisfactory and tends to show that there was a need for a market in this locality. The present small building has been erected as an experimental measure. If it proves a success it will be enlarged.

Extension of the Beef Slaughter House at Bandora.

27. This work was sanctioned by the Corporation under their Resolution No. 11123 of 21st January 1897, at an estimated cost of Rs. 6,000, but its execution was deferred on account of financial difficulties.

28. Matters having improved, tenders were invited by means of advertisements in the local newspapers but none having been received, offers were invited by means of circulars, from some of the well-known contractors. In response, only one tender, *viz.*, that of Ramji Harji was received which has been recommended for acceptance to the Standing Committee, and the work will be taken in hand during the next year.

Filling in Quarry Holes near the Slaughter House at Bandora.

29. This work which has been fully described in the last Administration Report, was completed on 2nd May 1898, at a cost of Rs. 3,883-5-7 against the estimated cost of Rs. 4,177.

Constructing two additional Sheds for Sheep and Goats at Bandora.

30. As stated in the last Administration Report, this work was completed on the 2nd January 1898. It having been found necessary to provide down-take pipes and zinc-sheet gutters to carry off the rain water, it was taken in hand and completed during the year under report.

31. The total expenditure, on completion of the work, has been Rs. 5,959-10-9.

CHAWLS, QUARTERS, AND OFFICES FOR MUNICIPAL EMPLOYES, &c.

Quarters for Malis in the Victoria Gardens.

32. This work, which has been noticed in the Administration Report of 1897-98, was completed on 4th October 1898, and the building was occupied on the 5th October 1898.

33. The total expenditure on completion of the work, has been Rs. 12,123-0-5.

Quarters for the Head Animal-keeper in the Victoria Gardens.

34. The order to commence this work, which as stated in the last Administration Report, was kept in abeyance, owing to financial considerations, was given to Messrs. Deoram Kashavji & Co., on 16th December 1898. It has made fair progress and will soon be completed.

35. The total expenditure passed upto 31st March 1899, has been Rs. 2,530-8-9.

Additions and Alterations to the Chawl at Dadar.

36. The commencement of this work was postponed until after the rains, with a view to avoid inconvenience to the occupants, the Halalcores of the Health Department.

37. The order to commence was therefore given on 21st December 1898, and the work is progressing satisfactorily.

38. The total expenditure passed up to 31st March 1899 has been Rs. 416-0-3.

Ward Office for the Street and Building Branch of the Executive Engineer's Department at Gamdevi.

39. This work which has been noticed in the last Administration Report was commenced on the 17th January 1898 and completed on 16th April 1898.

40. The total expenditure on completion of the work has been Rs. 4,239-7-6.

THE NASARVANJI MANEKJI PETIT PUBLIC HALL.

41. This work has been fully described in the last Administration Report.

42. When the matter of the preparation of the Trust Deed was under consideration, Bai Dinbai unfortunately died. Negotiations were thereupon opened with her daughter and sole executrix, Bai Avabai Framji Petit, on the subject. This lady did not approve of the proposal to give the sum of Rs. 5,00,000 which was promised by the deceased donor in one sum, but offered to give the money in instalments, and the following mode of payment was subsequently agreed upon with the consent of the Standing Committee, *viz* :—

(*a*) A sum of Rs. 1,00,000 to be paid on the execution of the deed.

(*b*) A further sum of Rs. 1,00,000 on the expiration of one year from the date of the execution of the deed.

(*c*) A further sum of Rs. 1,50,000 on the expiration of two years from the date of the execution of the deed.

(*d*) The balance of Rs. 1,50,000 on the expiration of the third year from the same date.

(*e*) Bai Avabai has further agreed that if the state of the building at any time requires a payment or payments to be made by the donor in advance of any one of the instalments above mentioned, she will, on receipt from the Commissioner, of two clear months' previous notice of any such requirement, make such interim payment or payments as shall be so required, but subject, nevertheless, to an aggregate maximum limit of half the amount of the last previous instalment, and provided that out of the last instalment of Rs. 1,50,000 a sum of Rs. 25,000 shall be retained by the donor unless and until the Engineer shall have certified that the said building is complete.

43. The above conditions having been agreed upon, a draft of the deed of trust has been drawn up by the Municipal Solicitors, and is now being approved of by Bai Avabai.

43*a*. The principal conditions of the deed are :—

(1) That the Corporation shall utilize the amount of the donation for the construction of a hall to be called "The Nesserwanji Maneckji Petit Public Hall" on the site which has been mentioned in the previous report and capable of accommodating and seating about 2,500 people.

(2) That the statue of the late Nesserwanji Maneckji Petit, which it is understood, is to be provided out of the funds subscribed by the public of Bombay to perpetuate his memory, shall alone be placed in a permanent position in the entrance room of the said hall; the Corporation to maintain and keep in good order and condition.

(3) That the hall shall be available for all public meetings and gatherings convened for any lawful purpose on payment of certain charges.

(4) That the hall and the furniture shall be maintained and kept in good order and condition by the Corporation, and that the fees levied for its use shall be appropriated towards such maintenance.

(5) That the Corporation shall keep the building insured at their cost against loss or damage by fire.

(6) That the hall shall be vested in the Corporation, and the management thereof shall be carried on by a Committee, the formation of which has been described in detail in the deed.

43*b*. The Government of India have accorded their final sanction to the Bombay Government leasing to the Municipality the full area of the ground required for the construction of the hall, and the deed of transfer is being prepared by the Solicitor to Government.

43*c*. The purchase money for the site has not yet been paid by the Municipality to Government, but this will be done as soon as the deed of trust for the payment of the donation by Bai Avabai Framji Petit is approved by that lady and the Corporation and executed. All preliminary arrangements for starting the work have in the meantime been made.

NEW ROADS, &c.

Reay Road.

44. All the properties required for the construction of this road have been acquired.

45. The portion of this road between Dockyard Road and Gunpowder Road has been completed at a cost of Rs. 13,812-4-2 and was opened to traffic on 10th August 1898.

46. The portion of the premises of N. S. D. Rozary Church, referred to in the last report has now been acquired under the Land Acquisition Act and arrangements are being made for inviting tenders for the construction of the portion of the road between Dockyard Road and Lawrence De Lima Street.

47. The Military authorities having also recently handed over the strips of land near the Gunpowder Road, the completion of this portion of the road will also be taken in hand shortly.

48. When the portions of the road referred to in the preceding two paras are completed there will still remain the portion between Lawrence De Lima Street and Wari Bunder Road and the northern approach to the proposed overbridge over the existing railway sidings at Wari Bunder. As stated in the last report this work cannot be taken in hand until the alignment of the overbridge and its southern approach is finally settled by the Port Trustees and the G. I. P. Railway Company. If the projected Port Trust Railway be sanctioned, it will be necessary to alter the original line. When this matter is definitely settled the northern approach to the overbridge and the roadway in continuation thereof, up to Lawrence De Lima Street, the plans and estimates of which are ready, will be taken in hand.

Extension of Victoria Road.

49. A great portion of this road has been completed since some time past. Its entire completion has been delayed owing to a Mahomedan Building, which was used as a school-room, but, which was represented to be a Mosque, having come in the way. After considerable trouble this building has now been removed and the completion of the road will soon be effected.

The proposed road from Dongri Street across Nowroji Hill to Elphinstone Bridge.

50. Only one property has been acquired for this road during the year under review. Further progress has been stopped as the road forms part of one of the New Streets, which the City Improvement Trust contemplate carrying out.

ROADS AND STREETS IN AGRIPADA AND ELSEWHERE.

51. The City Improvement Trust having been formed and all the vacant land on which the Agripada Roads were to be constructed having been made over to them, no further work is to be done.

52. At the time the land above-mentioned, was made over one of the roads, *viz.*, Souter Road undertaken by the Municipality remained incomplete. The causes which retarded the completion of this road, are fully described in previous reports to which a reference is solicited. To bring an end to the negotiations with the Contractors, a compromise has been offered to them, which, if accepted, will enable the Municipality to close the accounts of the work.

53. There is also another road, *viz.*, Vincent Road, of which the accounts have not yet been finally closed. The suit filed by the Contractors for claims over and above the amount paid to them, has not yet come on for hearing. The result of this suit will be reported when the matter is finally disposed of.

Arthur Road Diversion.

54. This work which was in progress during the last year has been completed during the year under review at a cost of Rs. 16,266-11-1.

FUTURE DISPOSAL OF THE SWEEPINGS OF THE CITY.

55. As stated in the previous report, the scheme for the transportation of the Town refuse consists of the following works :—

(*a*) the construction of two tipping platforms and a Railway siding on the Mahaluxmi Flats, including the erection of culverts over the open Agripada drain crossing the line of the siding.

(*b*) the construction of Rolling stock for the conveyance of the sweepings.

(*c*) the construction of approach roads to the platforms, and

(*d*) the construction of a railway line from the Kurla Station of the G. I. P. Railway, to Deonar, the future place of deposit of the sweepings including the culverts to span the waterways.

56. The entire work comprised under (*a*), (*b*) and (*c*) has been completed.

57. The work under (*d*) has also been completed with the exception of certain petty works such as the bunds around the kutchra depositing ground at Deonar, and the pitching of the slopes of the Railway bank, which are expected to be completed in the following year.

58. The line was formally opened for use on 12th May 1899, and the transportation of the town sweepings commenced on 7th June 1899.

59. Some difficulty was encountered in carrying out the work under (*d*) (which was, as stated in the previous report, given out by contract), owing to the failure of the Contractors Messrs. Ward and Co.

After doing a certain amount of the Embankment work, the Contractors expressed their inability to proceed further and it was therefore resolved to carry out the rest of the work Departmentally. This formed the most difficult part of the scheme, *viz.*, the construction of embankments and culverts and laying of the pipe drains in the swamps, a great portion of which is under water during high tides. A beginning was made at the end of May 1898, and the work carried on to completion about the same time this year.

60. The following is a brief description of the different works carried out on the Mahaluxmi Flats, and of those between Kurla and Deonar :—

61. There are two platforms for wading the kutchra into the wagons, each having a retaining wall of uncoursed rubble masonry, 700 feet in length and 4 feet in width at the base. These walls are 39 feet apart. Each wall is provided with triangular trusses 10 feet apart from, centre to centre, and buried in masonry for carrying the longitudinal wheel guards 10″ × 10″ which project 9″ beyond the face of the walls to prevent the carts toppling over in the process of emptying their contents. These guards are placed on cast-iron brackets bolted and firmly secured to the tops of the vertical posts of the trusses.

62. The platforms are approached by two roads, 40 feet in width each, and having a total length of about 3,300 feet, leading from Clerk Road to Arthur Road. These roads are carried over the Agripada drain which has been bridged over by means of two archways, one on either side of the Railway siding, the arch being semi-circular in shape, having a span of 10 feet, the arch ring being 14 inches in thickness. A 4″ water pipe has been provided underneath these roads with hydrants of the new pattern introduced in Bombay for watering the surfaces of the roads, by means of hose.

63. There are three sidings between the platforms, which merge into two at a distance of 228 feet beyond the Agripada drain and extend towards the Clerk Road level crossing whence they work into the existing main line of the B. B. & C. I. Railway. The total length of these sidings is 2,445 feet.

64. In consequence of the nature of the soil, the permanent way is carried on a bed of 9″ of well packed rubble stone. It consists generally of 69 lbs. rails resting upon four-holed cast-iron chairs bolted on creosoted sleepers 9′ × 10″ × 5″ placed at a distance of about 2′-8″ from centre to centre.

65. The rails are carried on a skew over the Agripada drain on wrought iron composite girders one foot in depth, and made of T. and L. irons, and supported on masonry abutments, the foundations of which are 8′-6″ in width at bottom and carried to a depth of about 10 feet.

66. The whole of the siding except the portions which run between the platforms is enclosed on both sides with 7 strand wire fencing.

67. The other portion of the work, *viz.*, the Railway between Kurla and Deonar is 16,780 feet in length, excluding an additional siding which is 2,115 feet in length. Nearly the whole of the Railway runs through marshy ground and is carried on an embankment made of the materials excavated from the adjoining ground. The Railway line is almost level throughout its greater length, its steepest grade being 1 in 200 Curves on this line have radii varying from 1,000 feet to 2,000 feet. The line of railway, as constructed, will divide the depositing ground into two parts. The portion to the south will be completely cut off from the sea, while that to the north will be protected hereafter by means of an Embankment, to keep out the sea water, and to prevent the deposited materials from being washed away.

68. A storm-water canal has also been constructed alongside the southern and south-eastern boundary of the depositing ground, for intercepting the storm-waters from the high lands and discharging it into the sea.

69. The total length of this canal is about 10,476 feet. It is 75 feet in width at its commencement, and 175 feet at its end. In the bank of the canal separating the depositing ground from the canal, thirty, 9″ flap traps have been provided for passing out the rain-water from that ground.

70. Certain alterations had also to be made in the Rifle Ranges at Kurla through which the Railway line passes to admit of the shooting being done across the Railway.

71. It has been arranged that the Health Department should carry out the work of loading the material into the wagons at the Tardeo Flats and unloading it at Deonar. The two Railway Companies will carry the material, at the rates and charges mentioned in the previous report, and the maintenance of the Railway line between Kurla and Deonar will be looked after by this Department.

72. Quarters have been erected on a high plot of ground near Chimbur between Kurla and the depositing ground for the staff employed to unload the sweepings at Deonar. It consists of four blocks, each containing 20 rooms, with verandahs 6½ feet wide on either side of it. Each room is 12′ × 10′. Quarters have also been built for the Inspector, and an Office and a store room, with washing places, latrines, a shed for bhangis, &c. These quarters are supplied with water by means of a 2″ service pipe taken from the 48″ Tansa main. A 1″ pipe has been taken further on to the depositing ground.

73. It is expected that the ground would be reclaimed in about 23 years, if the quantity of refuse remains as at present.

74. The land at Chimbur admeasuring about 60 acres, reclaimed by the Municipality some time ago, with town sweepings is let for cultivation for Rs. 7,380, for the year 1899-1900.

75. It is estimated that the land now proposed to be reclaimed will yield a revenue of about one lakh of Rupees after the reclamation is completed, if it yields the same proportionate revenue as that derived from the one above-mentioned.

76. The whole of this work has been under the immediate superintendence of my personal assistant Mr. Maneckji Sheriarji Bharucha, L.C.E., and Messrs. Madhavrao Ramchandra Natu and Muncherji Edulji Joshi, L.C.E., Inspectors, looked after the execution of the work and were responsible for the levels, measurements and keeping of accounts. I cannot speak too favourably of the way each performed his work. Their exertions in carrying out the work so successfully, deserve special mention from me.

MISCELLANEOUS WORKS.

Burial-Grounds, &c.

77. All the works for the preparation and completion of the burial-ground for the use of the Suni-Mahomedans at Tank Bunder have now been completed.

78. The enquiry in the matter of the acquisition of a portion of Narielwadi, admeasuring 29,837·33 square yards, for the future extension of the above Mahomedan Burial Ground referred to in the last report, has now been nearly completed, by the Collector of Bombay, and the land will shortly be handed over to the Municipality, when arrangements will be made to fill it up and to build an enclosure wall around it.

79. The work of constructing walls around a portion of the land, purchased from Mr. Ashburner at Mount Road, has been completed, and the land has already been handed over to the Beni-Israel Community for burial purposes.

80. A large plot of land has also been acquired for the extension of the Christian Cemetery at Sewri. It admeasures 30,390 square yards. Private negotiations with the owner of the ground for its purchase having failed, he having demanded an unreasonable price, recourse was had to the Land Acquisition Act. The owner claimed Rs. 3,23,274, and in addition 15 per cent. for compulsory acquisition. Strenuous efforts had, therefore, to be made to combat this unreasonable claim, with the result that after a protracted hearing the Collector finally awarded Rs. 39,699. The owner declined, at first, to accept the Collector's award, and gave notice of his intention to appeal to the High Court. But before the case came on for hearing, wiser counsels prevailed and he has now accepted the Collector's award, and has paid the expenses incurred by the Government Solicitors on behalf of the Municipality.

81. The work of preparing and filling in the ground and building a compound wall round it will be taken in hand during the next year.

82. One of the two plots of land for the Burning and Burial Ground at Mahim, has been purchased and the sanction of the Corporation having been obtained for the acquisition of the other, it will be acquired shortly. Negotiations are being carried on with the owner for its purchase. If these fail the land will be acquired under the Land Acquisition Act.

83. The following statement gives the particulars of Petty Works executed during the year 1898-99 :—

Number.	Description of Work.	Amount of sanctioned Grant.	Work entrusted to	Date of Commencement.	Date of Completion	Total Cost of Work.
		Rs. a. p.				Rs. a. p.
1	Constructing a folding gateway in the compound wall of the Arthur Road Hospital.	92 0 0	Messrs. Devram Keshowji & Co.	14th March 1898.	April 1898 ...	90 2 8
2	Repairing the building at Dockyard Road acquired for frontage land from Bai Navajbai Wadia.	308 0 0	„ ...	17th March 1898.	April 1898 ...	234 12 9
3	Providing a passage between Chief Officer's quarters and cook-room at Sankli Tank, Fire Brigade Station.	903 0 0	„ ...	.....	April 1898 ...	817 8 2
4	Providing a latrine at Sankli Tank Fire Brigade Station.	330 0 0	„ ...	.....	April 1898 ...	249 12 6
5	Erecting a Zawli shed over Garlick Incinerator.	350 0 0	„ ...	June 1898 ...	July 1898 ...	329 13 6
6	Making a Teak-wood partition around the Gas Register in the Police Chauki at Musjid Bundar.	50 0 0	„ ...	April 1898 ...	May 1898 ...	35 5 10
7	Monsoon repairs to the Umerkhadi Chawl,	109 0 0	„ ...	July 1898 ...	July 1898 ...	99 2 6

8	Erecting a corrugated sheet iron screen at Haines Road Cemetery.	64	0	0	„	...	August 1898	...	August 1898	...	52	0	3
9	Repairs to Bungalow at Dockyards acquired for frontage land from Bai Navajbai Wadia.	260	9	7	„	...	July 1898	...	Sept. 1898	...	260	9	7
10	Repairs to Bungalow acquired for frontage land at the junction of Dockyard Road and Reay Road.	87	0	11	„	...	June 1898	...	July 1898	...	87	0	11
11	Repairs to Municipal School at Ghorupdeo.	46	1	7	„	...	June 1898	...	June 1898	...	41	14	6
12	Repairs to Worli School	24	2	7	„	..	June 1898	...	June 1898	...	21	15	5
13	Paving ground under dust-bin carts ...	560	0	0	„	...	June 1898	..	February 1899	...	340	5	9*
14	Constructing Chaukies for Cemetery Karkuns.	620	0	0	„	...	March 1898	...	March 1898	...	571	12	3
15	Providing a wooden staircase at the Inspector's quarters at Girgaum Police Station.	210	0	0	„	...	April 1898	...	June 1898	...	114	15	0

* Up to 31st March 1899.

REPAIRS TO MUNICIPAL BUILDINGS, &c.

84. The following statement gives the particulars of the cost of Repairs to, and Maintenance of, Municipal Buildings during the year 1898-99 :—

Consecutive Numbers.	Names of the Buildings.	Amount apportioned.	Actual Expenditure.
	Buildings in charge of the Executive Health Officer.	Rs. a. p.	Rs. a. p.
1	Chal at Mody Bay	210 0 0	185 4 9
2	Do. at Bori Bundar	250 0 0	200 12 8
3	Inspector's Office at Bori Bundar... ...	20 0 0	1 5 5
4	Stables at Bori Bunder	335 0 0	137 14 9
5	Do. at C Ward	275 0 0	267 12 4
6	Do. at D ,, ...	25 0 0	17 6 8
7	Do. at 10th Kamatipura Street ...	955 0 0	910 6 1
8	Do. at Chinchpokly	30 0 0	21 4 10
9	Do. at F and G Wards at Dadar ...	242 0 0	123 14 11
10	Miscellaneous Works	385 0 0	77 5 5
	Contingencies	273 0 0	139 0 0
11	Small-pox Hospital at Arthur Road ...	623 0 0	586 9 10
12	Cholera Hospital at Grant Road	90 0 0	8 6 10
	Contingencies	47 0 0	23 8 0
13	Halalkhores' Chal at Suklaji Street ...	180 0 0	176 14 8
14	Bullock Stable at Colaba	25 0 0	24 11 5
15	Mahim Stable	160 0 0	73 10 1
16	Chal No. 1, Colaba	60 0 0	40 1 9
17	Do. No. 2, ,, ...	50 0 0	17 14 8
18	Lower Colaba N.-S. Depôt	10 0 0	4 12 9
19	Khara Tank do.	10 0 0	.....
20	Carnac Road do.	20 0 0	18 2 0
21	Sonapur do.	660 0 0	545 11 10
22	Girgaum do.	293 0 0	283 14 4
23	Kamatipura do.	215 0 0	196 3 2
24	DeLisle Road do.	30 0 0	27 0 4
25	Mazagaon do.	.....	.....
26	Valpakhadi do.	.....	.....
27	Golangi Hill do.	.....	.....
28	N.-S. Depôt on Flats	10 0 0	5 4 11
29	Do. at Bhangy Moholla	77 0 0	71 7 11
30	Night Branch Stable at Suklaji Street ...	200 0 0	175 2 11
31	Privies and Urinals	1,650 0 0 400 0 0	1,457 15 6
32	Miscellaneous Works	45 0 0 326 0 0	309 3 0
	Contingenceis...	205 0 0	110 12 0
33	Cemetery Offices and Chals at Haines Road	68 0 0	52 15 10
	Contingencies...	7 0 0	.....
34	Mahaluxumi Dhobiwada and Shops ...	1,265 0 0	1,262 11 7
	Contingencies	110 0 0	28 8 0
35	Milch Cattle Stable at Mody Bay... ...	400 0 0	51 7 7
36	Do. do. at Kamatipura ...	600 0 0	240 12 0
37	Do. do. at Agripada	370 0 0	110 9 1
	Carried forward ...	11,206 0 0	7,986 15 10

Repairs to Municipal Buildings—(*continued*).

Consecutive Numbers.	Names of the Buildings.	Amount apportioned. Rs.	a.	p.	Actual Expenditure. Rs.	a.	p.
	Brought over ...	11,206	0	0	7,986	15	10
38	Chal at Agripada Milch Cattle Stable...	50	0	0	24	3	7
39	Do. at Kamatipura do. do. ...	338	0	0	332	10	11
	Contingencies	182	0	0	90	0	0
40	Falkland Road Dharamshalla	196	0	0	195	9	0
	Contingencies...	4	0	0	.....		
		12,036	0	0	8,679	7	4
	Buildings in charge of the Superintendent of Markets.						
41	Colaba Market	140	0	0	124	7	8
42	Fort Market	100	0	0	88	1	5
43	DeLisle Road Sheep and Goat Market ...	195	0	0	146	7	3
	Do. do. Painting	210	0	0	208	2	11
44	Arthur Crawford Mutton Market ...	10	0	0	2	10	10
45	Do. Fruit and Vegetable Markets and Superintendent's Bungalow.	3,515	0	0	3,498	5	4
46	Do. do. Painting.	4,909	0	0	4,908	5	9
47	Arthur Crawford Fish and Mutton Market	60	0	0	53	12	1
48	Do. Beef Market	750	0	0	739	1	7
49	Do. Tea and Purveying Shop	175	0	0	172	12	9
50	Do. Fowl Rooms	100	0	0	81	11	8
51	Do. Market Godowns ...	310	0	0	282	12	11
52	Do. do. Biggaris' Chal...	.....			.....		
53	Pork Market, Lohar Street	50	0	0	5	7	3
54	Erskine Road Fruit and Vegetable Market	210	0	0	209	4	9
55	Do. do. Painting.	1,888	0	0	1,887	5	11
56	Do. Fish and Meat Markets ...	60	0	0	59	13	2
57	Do. do. Painting...	1,230	0	0	1,229	0	5
58	Peddar Markets	965	0	0	955	3	3
59	Foras Road Market...	175	0	0	9	12	7
60	Do. do. Painting	41	0	0	.....		
61	Bhuleshwar Market	25	0	0	12	3	6
62	Bandora Slaughter Houses	660	0	0	614	12	2
63	Do. Cattle Inspection Shed	.....			.....		
64	Do. Inspectors' and Jamadars' House	100	0	0	68	11	11
65	Do. Sepoys' Chal	145	0	0	138	9	6
66	Do. Butchers' Chal	450	0	0	440	12	4
67	Do. Bullocks' Hospital	150	0	0	145	15	11
68	Do. Cattle Standing Shed	10	0	0	0	13	2
69	Do. Superintendent's Quarters ...	310	0	0	253	1	2
70	Do. Bullocks' Stable	835	0	0	827	13	1
71	Do. Commissariat Shed	470	0	0	461	7	3
72	Compound of the Bandora Slaughter House	90	0	0	27	3	5
73	Bandora Biggaris' Chal, No. 1 and 2 ...	205	0	0	203	4	3
	Contingencies...	1,767	0	0	471	0	0
74	Bandora Sheds for Sheep and Goats ...	.....			.....		
75	Miscellaneous Works	190	0	0	171	13	9
		20,500	0	0	18,500	4	11

Repairs to Municipal Buildings—(*continued*).

Consecutive Numbers.	Names of the Buildings.	Amount apportioned.			Actual Expenditure.		
	Buildings in charge of the Chief Officer of the Fire Brigade.	Rs.	a.	p.	Rs.	a.	p.
76	Fire Brigade Station in the Fort ...	80	0	0	75	14	6
77	Do. do. at Gowalia Tank Road.	50	0	0	10	9	10
78	Do. Foreman's and Engineer's Quarters at Gowalia Tank Road.	320	0	0	288	1	9
79	Fire Brigade Laskars' Quarters at Malabar Hill.	100	0	0	.....		
80	Fire Brigade Manual Engine Station at Malabar Hill.	30	0	0	24	5	7
81	Fire Brigade Station, Chinchpokly ...	80	0	0	16	8	1
82	Do. do. Colaba	80	0	0	18	12	5
83	Do. do. DeLisle Road ...	20	0	0	12	5	8
84	Do. do. Peddar Market ...	40	0	0	.....		
85	Do. do. Mahim	40	0	0	3	1	10
86	Do. do. Bhuleshwar... ...	10	0	0	1	5	8
87	Do. do. Naigam	31	0	0	3	0	6
88	Do. do. Babula Tank ...	10	0	0	3	6	8
89	Do. do. Sankli Tank ...	745	0	0	737	8	3
	Contingencies	164	0	0	79	5	4
		1,800	0	0	1,274	6	1
	Buildings in charge of the Superintendent of Gardens.						
90	Victoria Gardens Buildings	454	0	0	356	12	3
		200	0	0			
	Contingencies	46	0	0	23	0	0
		700	0	0	379	12	3
	B—Elphinstone Circle Garden III. *A—Repairs to Buildings.*						
91	Elphinstone Circle Garden...	136	0	0	4	9	10
	Contingencies	14	0	0	.....		
		150	0	0	4	9	10
	C—Falkland Road Gardens. *II—Repairs.*						
92	Falkland Road Gardens Buildings... ...	68	0	0	.....		
	Contingencies	7	0	0	.....		
		75	0	0	.....		
	D—Northbrook Gardens. *II—Repairs.*						
93	Northbrook Gardens Buildings	68	0	0	.....		
	Contingencies	7	0	0	.....		
		75	0	0	.....		
	Buildings in charge of the Secretary and Curator, Victoria and Albert Museum.						
94	Victoria and Albert Museum	375	0	0	66	5	10
	Contingencies...	38	0	0	.....		
		413	0	0	66	5	10

Repairs to Municipal Buildings—(*continued*).

Consecutive Numbers.	Names of the Buildings.	Amount apportioned. Rs. a. p.	Actual Expenditure. Rs. a. p.
	Buildings in charge of the Deputy Executive Engineer, Drainage Branch. 3—*Repairs to Chaukies, &c.*		
95	Churney Road Chauki	100 0 0	36 15 1
96	Bapty Road Chauki	200 0 0	191 15 8
97	Bellasis Bridge Pipe Depôt	80 0 0	77 7 2
98	Foras Road Chauki	100 0 0	.....
99	Carnac Road N.-S. Depôt Servants' Quarters.	20 0 0	.....
	Contingencies	50 0 0	25 0 0
100	Engine House	88 0 0	60 11 7
101	Boiler House, including Coal Shed and Shred Lifter.	67 0 0	17 6 1
102	Engineer's Quarters, &c.	203 0 0	54 1 3
103	Old and New Servants' Quarters	97 0 0	51 8 1
	Contingencies	45 0 0	20 0 0
104	Love Grove Sluice Houses...	470 0 0	26 9 9
105	Warli Koliwada Sluice Houses	180 0 0	160 6 6
106	Dharavi Road Sluice House	150 0 0	.....
107	Sluices at the Town Hall	19 0 0	.....
	Contingencies	81 0 0	23 0 0
	Buildings in charge of the Executive Engineer.	1,950 0 0	745 1 2
108	A Ward Office (S and B)	5 0 0	2 9 2
109	B and C Ward Offices (S and B)	290 0 0	256 6 2
110	D Ward Office (S and B) and Assessment.	500 0 0	494 9 8
111	E Do. (Assessment)	10 0 0	3 12 8
112	E Do. (S and B)	250 0 0	243 10 2
113	F and G Ward Offices (S and B and Assessment).	250 0 0	245 11 11
114	Queen's Statue	160 0 0	154 15 6
115	Flora Fountain	26 0 0	21 1 0
116	Prince of Wales' Statue	10 0 0	9 1 9
117	Dr. Blaney's Statue...	30 0 0	4 5 0
118	Chal at Dadar	160 0 0	142 15 6
119	Kerosine Oil Godown at Bellasis Bridge Pipe Depôt.	20 0 0	.....
120	Photometer House, Parel	.....	.....
121	Old Fire Brigade Station, Paidhoni ...	.....	.....
	Contingencies	89 0 0	65 0 0
122	Municipal Office Building, &c.	2,902 0 0	2,706 3 10
	Contingencies	98 0 0	95 0 0
123	Municipal Store Office and Bungalow ...	246 0 0	.....
124	Municipal Workshop Buildings	300 0 0	.....
	Contingencies	54 0 0	27 0 0
	Buildings in charge of the Special Drainage Engineer.	5,400 0 0	4,472 6 4
125	Colaba Pumping Station	182 0 0	.....
	Contingencies	18 0 0	.....
		200 0 0	.....

Repairs to Municipal Buildings—(*concluded*).

Consecutive Numbers.	Names of the Buildings.	Amount apportioned.			Actual Expenditure.		
		Rs.	a.	p.	Rs.	a.	p.
	Buildings in charge of the Deputy Executive Engineer, Water Works Branch.						
126	Chinchpokly Stores, Bungalow, Office and Chal.	500	0	0	297	10	3
127	Bhandarwada Inspector's Quarters and Chals.	263	0	0	135	13	10
128	Chinchpokly Sluice Houses	200	0	0	3	14	5
129	Mahim Sluice Houses	50	0	0	7	4	1
130	Sion Sluice House	25	0	0	.....		
131	Bhandarwada Sluice House	50	0	0	12	3	0
132	Haines Road do.	50	0	0	.....		
133	Dadar Sluice House...	30	0	0	... ..		
134	Matunga Sluice House	50	0	0	.....		
135	Malabar Hill Inspector's Quarters and Office.	500	0	0	171	14	5
136	Chief Inspector's Quarters at Babula Tank.	100	0	0	56	1	6
	Contingencies	182	0	0	99	0	0
137	Sluice Houses at Santa Cruz, Bangora and Morol.	165	0	0	34	12	9
138	Linemen's Shed at Kurla	111	0	0	82	0	0
139	Watchmen's Shed at Vehar	162	0	0	83	0	0
140	Bungalow at Vehar	52	0	0	.....		
141	Linemen's Shed at Siphon No. 4 North ...	29	0	0	19	7	6
142	Do. do. „ 5 „ ...	29	0	0	19	7	6
143	Do. do. „ 6 Godawali	20	0	0	13	1	8
144	Do. at Godawali	83	0	0	69	1	8
145	Do. at Pokran...	17	0	0	11	15	8
146	Bungalow at Kapurbawdi	256	0	0	222	5	6
147	Do. at Kasheli	15	0	0	11	4	0
148	Bassein Creek Bridges Painting	785	0	0	596	8	0
149	Engineer's Bungalow at Tansa	82	0	0	.....		
150	Inspector's Quarters at do.	4	0	0	1	8	0
151	Laskars' Chals at Tansa	13	0	0	8	8	0
152	Bungalow at Newada	16	0	0	13	2	0
153	Linemen's Shed at the North of Mandola Siphon...	49	0	0	48	15	9
154	Do. do. do. South do. ...	49	0	0	48	15	9
155	Labourers' Shed at the North of Khaling Siphon.	49	0	0	48	15	9
156	Inspector's Quarters at Khaling	4	0	0	2	13	6
157	Engineer's Bungalow at Khaling... ...	726	0	0	725	8	9
158	Labourers' Shed at the North of Agra Road Siphon.	11	0	0	10	0	0
	Contingencies	273	0	0	.....		
		5,000	0	0	2,855	5	3

C.

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LOVE GROVE PUMPING STATION.

85. Due attention has been paid to the maintenance of the Worthington Pumping Engines and they continue to work very satisfactorily.

86. The efficiency of the pumps, as tested by fortnightly observations taken by the Drainage Staff, showed an average of 92·4 per cent.

87. The efficiency for the four previous years was as follows:—

1894-95	96·00 per cent.
1895-96	94·00 „
1896-97	91·00 „
1897-98	91·90 „

88. In 1897-98 the gunmetal rams of No. 1 Engine which were much scored and reduced in size owing to the passage of silt through the pumps were turned down and new ram bushes to correspond with the smaller diameter of the rams were put in their place. This procedure was adopted to save the cost of new rams which are heavy and expensive castings.

89. It was found however that the reduced thickness of metal was not sufficient to withstand the pressure to which the rams were exposed and after working for some time they showed signs of collapsing. They were consequently removed and replaced with cast-iron rams made in the Municipal Workshops.

90. The use of cast-iron rams in place of gunmetal ones is an experiment but so far they have answered all expectations. Cast-iron is much cheaper than gunmetal and it has been possible by the use of cast-iron to make the rams much more substantial and to give them such thickness as will allow of their subsequent turning down when they become worn without unduly impairing their strength.

91. The following table gives the combined total number of revolutions of all the Engines for each month of the year:—

Month and Year.	Total Number of Revolutions.
March 1898	1,718,204
April ,,	1,598,918
May ,,	1,542,248
June ,,	1,890,938
July ,,	2,242,426
August ,,	2,083,368
September ,,	2,404,094
October ,,	2,058,549
November ,,	1,848,939
December ,,	1,880,921
January 1899	1,759,283
February ,,	1,564,635
Total for the year ...	22,592,523

92. 1,265 tons of Borrea Anthracite coal, 1,254 tons, 18 cwts. and 1 qr. of Singareni coal and 900 tons of Cardiff coal were consumed during the year.

93. The average rate per ton, for the Borrea Anthracite coal was Rs. 16-11-10·8, for Singareni Rs. 16-3-1·2, and for Cardiff Rs. 22-3-0. The average rate per ton for all of these descriptions of coal was Rs. 17-15-7·4 against Rs. 14-2-7½, in the previous year. The average daily consumption was 9 tons, 7 cwts. 1 qr. 15·9 lbs. against 10 tons, 1 cwt. 10½ lbs. in the previous year.

94. Owing to the high rates prevailing for coal during the year on account of the Welsh Miners' strike, the grant of Rs. 56,000, for the purchase of coal was exceeded by a sum of Rs. 5,479-8-10. This excess was met by a transfer of Rs. 5,500 from savings under other heads of the Drainage Department Budget, *vide* Corporation Resolution No. 7788, dated 15th December 1898.

95. 1,024½ lbs. of Dermatine valve faces for the pumps were purchased from Messrs. Macbeth Brothers and Company at a total cost of Rs. 3,196-7-0 being at the rate of Rs. 3-1-11$\frac{3}{5}$ per lb.

96. 1 dozen cast-iron caps and back plates with bolts and nuts were purchased for the Bab-cock, Wilcox boilers from Messrs. James, Simpson and Company through their agent, Mr. T. C. Pulman, at a total cost of Rs. 68.

97. A 6-inch Centre Screw-cutting lathe was purchased from the Palej Lal Gin and Press Company at a cost of Rs. 610. This lathe was obtained to replace a 9-inch centre lathe which was formerly in use at the station and which was transferred to the Municipal Workshops in September 1896 as it was found that the number of lathes at the latter place were not sufficient to execute the repairs and renewals required at the station with sufficient despatch.

98. 48 High-pressure Cylinder piston-rings and 64 Intermediate Cylinder rings have been ordered from Messrs. James Simpson and Company through their agent at a total cost of Rs. 1,270. The rings were not received before the close of the year and the amount to be paid for them will therefore be renewed with the other lapsed grants for the year under report.

99. On account of the isolated position of the station and its important functions, it has been considered advisable to provide fire arms and ammunition for the use of the four Engineers so that at times of riots or public disturbances they may be able to efficiently guard the premises and the workmen employed there.

100. 4 revolvers and 50 rounds of Ammunition were therefore purchased from Messrs. Treacher and Company at a total cost of Rs. 159-0-8. Licenses for the possession of fire arms were obtained from the Commissioner of Police for two of the Native Engineers at a cost of four anuas each.

101. The work of converting the old Engine house into a Shred Lifter Chamber, Office and Godown sanctioned by the Corporation under their Resolution No. 12033 of 4th February 1897, at an estimated cost of Rs. 25,625, has made fair progress, but was not completed at the end of the year. The removal of the massive foundations of the old Engines has been a very laborious undertaking and has taken several months to accomplish.

102. No progress has been made with the renewal of the brick out-fall chamber on the line of the out-fall sewer. The work had to be postponed for want of funds. The chamber is in a very bad state and it should be taken in hand as soon as possible.

103. There have been no changes in the Engineering staff during the year except that Mr. Nasarwanji Hormusji Daruvala, 3rd Engineer, was appointed to act as an Inspector under the Head Plumber from

May 25th to 30th June. During the period of his absence Mr. Shamrao B. Kantak, 2nd Engineer at the Colaba Compressor Station, acted for him.

104. Veterinary-Lieut.-Col. J. Anderson continued to occupy the bungalow on the property owned by Messrs. Tribhuvandas Varjivandas and Jagmohandas Varjivandas during the year at a monthly rental of Rs. 80.

105. The following statement shows the grants and actual expenditure under each head of the Budget, for the maintenance of the station :—

Sections.	Particulars.	Budget grants with transfers and extra grants.	Expenditure.	More.	Less.
	Love Grove Pumping station.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Establishment	11,772 0 0	11,761 2 5	.....	10 13 7
2	Coal Rs. 56,000 + Rs. 5,500 ...	61,500 0 0	61,479 8 10	.....	20 7 2
3	Repairs to Machinery Rs. 7,500 + Rs. 919-8-10 realized by sale of Gunmetal	8,419 8 10	8,174 3 8	.....	245 5 2
4	Contingencies and Stores Rs. 17,500—Rs. 3,000 transferred to Section 2	14,500 0 0	12,636 1 9	.....	1,863 14 3
5	Repairs to Buildings ...	500 0 0	203 11 0	.....	296 5 0
6	Ground-rent at Wark ...	18 0 0	17 1 10	.....	0 14 2
7	Water-supply *plus* Rent of Meters	4,920 0 0	4,437 10 0	.....	482 6 0
8	Halalkhore Tax	438 0 0	434 4 2	.....	3 11 10
9	Telephone Connection ...	262 8 0	262 8 0	.....	.....
	Total ...	1,02,330 0 10	99,406 3 8	.....	2,923 13 2

HOUSE DRAINAGE CONNECTIONS.

106. The street portions of House Drainage Connections carried out by the Contractors Messrs. Dewram Keshavji and Company were as follows :—

Name of the District.	No. of connections.	Total cost.
		Rs. a. p.
Mandvi	398	12,752 0 0
General District. { New houses	356	9,975 15 3
General District. { Old houses in various parts of the City.	172	
Mugbhat	271	6,959 11 1
Khamballa Hill	57	5,262 1 7
Parel	64	2,544 1 3
Carnac Road	53	1,602 0 4
Colaba	9	661 6 4
Pirkhan Lane	1	55 3 3
Total ...	1,381	39,813 4 2

107. As against the above number of 1,381 street connections, action by notice and by summons has been taken against 1,342 house owners and house connections enforced. Much difficulty has been experienced in getting house Connection Work done owing to many house-owners having left the City on account of Plague.

CATCHPITS, WATER GULLIES, MAN-HOLES, VENT-SHAFTS, &c.

Catch-pit on the Mint Road Sewer.

108. In the original estimate for the work, wooden shutters or dampers were provided to exclude sewage from the catch-pit at the time of emptying it.

109. It was considered when the work was taken in hand that with such appliances the arrangements would be unworkable and it was therefore decided to substitute cast-iron pen-stocks for the wooden shutters.

110. The extra cost of providing such pen-stocks which was estimated at Rs. 520 was met by a transfer from savings in the grant for Drainage Loan Works, miscellaneous extension and improvements of drains as per Corporation Resolution No. 4057, dated 4th August 1898.

111. The pen-stocks were made in the Municipal Workshops under the supervision of the Assistant Engineer, Mechanical Branch, and the cast-iron pipes required for the work were obtained from the Casting Contractors.

112. The work was nearly completed at the close of the year and the certified expenditure on account of it up to the 31st March 1899 amounted to Rs. 4,804-2-4.

Catch-pit on the Hornby Road Sewer near the Arthur Crawford Markets.

113. The construction of this catch-pit was further deferred in consequence of financial difficulties.

Construction of Water Gullies in different parts of Bombay.

114. The construction of (*a*) three water gullies with connecting drains at Hornby Road in front of the Victoria Terminus and (*b*) two water gullies at the east end of Carnac Bridge was completed by Messrs. Devram Keshavji and Company on the 27th April 1898 and 6th June 1898, respectively.

115. The total cost of each of the works, respectively, amounted to Rs. 763-8-8 and Rs. 893-8-3.

116. Owing to objections raised by Mr. Pestonji Naserwanji Godewala, the drain from the water gully at the Custom Pier Road, Mazagaon, was not laid through his land but carried direct to the sea.

117. The total cost of the work consequently amounted to Rs. 275-4-10 and the excess of Rs. 233-4-10 over the grant of Rs. 42 originally sanctioned for the work was met from savings in the grants for other water gullies in accordance with the Municipal Commissioner's No. 9657—18th July 1898.

118. The work was completed by Messrs. Devram Keshavji and Company on the 20th September 1898.

Construction of Permanent Man-holes on Drains in Wards A, B, C, D and E.

119. Eighteen man-holes were constructed in Duncan Road and six in Grant Road on the sites selected by the Health Officer.

120. The work was carried out Departmentally at a total cost of Rs. 1,645-14-0.

Construction of Man-holes and shafts on the Sewer between the European General Hospital and the Arthur Crawford Markets.

121. A grant of Rs. 4,193 was sanctioned under the Corporation Resolution No. 9000—12th January 1899, for the construction of five square man-holes and five shafts on the sewer between the European General Hospital and the Arthur Crawford Markets.

122. The execution of the work was taken in hand Departmentally and was in progress at the end of the year.

123. The certified expenditure on account of the work up to the 31st March 1899 was Rs. 977-5-7.

Construction of three Square Man-holes and six shafts on the Mint Road Sewer.

124. A grant of Rs. 2,550 was sanctioned for the work under the Corporation Resolution No. 10976, dated 14th February 1898.

125. The work was taken in hand Departmentally and completed on the 9th July 1898 at a total cost of Rs. 2,237-14-0.

INSTALLATION FOR PROVIDING ELECTROLIZED SEA-WATER.

126. The working of the plant was stopped on 20th June 1897 owing to the commencement of the South-West Monsoon, and on account of the delay in completing the arrangements for pumping up sea water by means of the Electrical transmission plant.

127. The difficulties raised against the proposed over-head electric line from the Depôt to the Carnac Bandar were finally overcome and the work was completed by the Municipal Workshops by the 6th April 1898 at a total cost of Rs. 1,342-5-4 against the estimated amount of Rs. 1,622.

128. The plant was re-started on 7th April 1898 and it was found that the new arrangements made for obtaining a supply of sea water worked quite satisfactorily and with much greater economy than the Steam pump previously used.

129. Under their Resolution No. 1196 of 5th May 1898, the Corporation accorded sanction to the utilisation of the balance of Rs. 3,353 of the lapsed grant of Rs. 3,425 sanctioned under their Resolution No. 1396 of 6th May to provide for the working expenses of the plant during the year 1898-99.

130. The working of the Installation was continued without intermission up to the 18th June 1898 when it was again closed at the break of the Monsoon.

131. During the above period of work the Drainage Department used considerable quantities of the Electrolized fluid for flushing the sewer in the Fort District, the fluid being transported there in the large flushing carts belonging to the Department, and the Health Department also used it in small quantities, taking it into different parts of the City in wooden casks procured for the purpose.

132. Under his No. 13026 of 15th July, the Health Officer reported as follows to the Municipal Commissioner: "The results of experiments "in flushing privies have been most successful and they lead me to think "that the Electrolised fluid will be very valuable for the flushing of the "shafts of privies. It instantly destroys all disagreeable smells and what "is more important, its effects last for a long time. The only objection "to it is the pungent odour of Chlorine. The favor of your sanction is "therefore requested to eight wooden carts being made for conveying "the fluid round for further trial."

133. After some correspondence it was eventually decided to make use of eight of the iron road watering carts in preference to making new carts for conveying the fluid as several road watering carts were out of use owing to the watering of roads direct from the hydrants.

134. Certain alterations had to be made to these carts to render them suitable for the work and this was sanctioned under the Commissioner's No. 20651 of 11th November 1898 at an estimated cost of Rs. 35 per cart.

135. On the completion of the alterations to the carts the installation was again started on the 9th January 1899 and it continued to work at the close of the year. The Health Department carted away the greater portion of the fluid produced during the above period and the Health Officer will, no doubt, submit a report on the result obtained.

136. The expenditure incurred on the working of the plant during the year, was as follows:—

	Rs.	a.	p.
Establishment (exclusive of Watchmen employed during the time the plant was not at work)	485	15	10
Watchmen (employed during the time the plant was not at wor')...	134	11	3
Stores and Boiler Inspection Fee	414	14	10
Coal	1,795	8	0
Repairs	70	8	7
Total ... Rs.	2,901	10	6

137. In making a calculation of the cost of producing chlorine by this process, the cost of watchmen's wages during the time the plant was stopped has been deducted. The total working expenses would therefore be Rs. 2,766-15-3.

138. The number of days the plant was actually at work was as follows :—

April 7th to 30th, 1898	24	days.
May 1st to 31st—Less—		
1 day stoppage for holiday	29	"
1 " " " washing out the boiler...		
June 1st to 18th—Less—		
1 day stoppage for holiday	17	"
January 9th to 31st, 1899	23	"
February 1st to 28th—Less—		
1 day stoppage for holiday	26	"
1 " " " washing out the boiler		
Total days' actual work...	119	days.

139. The average production of chlorine per diem, inclusive of stoppages for oiling the engine and cleaning the boiler fire, is 21,000 grammes. 21,000 grammes × 119 days=2,499,000 grammes, total =49·191 cwts. The cost per ton would thus be Rs. 1,130.

140. Adding Interest and Sinking Fund on the capital outlay incurred in the purchase and fixing of the electrolisers and the value of the portable engine used to drive the same (exclusive of the Interest and Sinking Fund on the value of other items, such as engine-house and storage tanks, ground rent and cost of pumping up the water at Love Grove,) the total cost per ton would be about Rs. 1,450.

141. In comparing the cost of producing chlorine by the electrolytic process with that obtained from chloride of lime, it may be stated that good commercial chloride of lime is rarely procurable in Bombay. Assuming, however, that when a case is freshly opened, it contains from 30 to 35 per cent. of free chlorine, and taking the cost of the chloride of lime at an average rate of Rs. 260 per ton, the cost of chlorine thus obtained would be about Rs. 780 per ton.

142. The Assistant Executive Engineer, Mechanical Branch, in his report No. 1111 of 26th July 1897, on the first experimental working of the electrolytic process, assumed that the chlorine obtained by either means were of equal value, weight for weight for disinfecting purposes.

143. The Hermite Electrical Sanitation Company, however, in their letter to the *Times of India* newspaper of November 19th, 1897, took strong exception to this assumption, and quoted the authority of several well-known chemists and scientists who found that the chlorine produced by the Hermite Electrolized Solution was twice as effective as the chlorine derived from Bleaching powder or Chloride of lime.

144. If the two methods of production are compared on this basis, even then the cost of production by the electric process, after adding interest on capital, expenditure, &c., for buildings and land occupied by the plant, would not be appreciably less than the cost of Chloride of lime. The Health Officer, however, does not consider that any comparisons on this basis can be fairly made: because Chloride of lime is a deliquescent powder, while Electrolised sea water is a fluid containing not only Chloride of lime but also other agents having a powerful deodorising action.

LATRINES, URINALS AND MISCELLANEOUS WORKS.

Conversion of the Night-Soil Depôt at Haines Road into Receiving Depôt.

145. Messrs. Devram Keshavji and Company who were Contractors for the work, were unable to complete the same within four months from the date of order, *viz.*, the 25th March 1898, as stipulated under their contract for the following reasons :—

(*a*) The heavy and almost incessant rain of the month of July 1898 seriously interfered with the progress of the work.

(*b*) The putting up of a roof over the hoppers and a screen wall on the north side of the Depôt was sanctioned by the Standing Committee under their Resolution No. 3122, dated 6th July 1898, and that Resolution having been forwarded to the Corporation, the Corporation accorded sanction to the same at their meeting of the 4th August 1898.

146. Under the circumstances a three months' extension of the contract time was sanctioned under the Municipal Commissioner's No. 16731, dated 28th September 1898, and the extra establishment charges were met from the contingency provision for the work.

147. The work was completed by the Contractors on the 21th October 1898, and the total expenditure on the work, including establishment and contingent charges, amounted to Rs. 13,647-12-0.

LATRINES.

Bhoiwada Latrines.

148. The construction of the latrines at Bhoiwada was completed by Messrs. Devram Keshavji and Company, Petty Works Contractors, on the 18th January 1899, at a total cost of Rs. 2,249-14-9.

Latrines between Calicut and Kochin Streets.

149. The work of paving the open ground and constructing a bund around the latrine between Calicut and Kochin Streets was completed by Messrs. Devram Keshavji and Company, Petty Works Contractors, at a total cost of Rs. 1,746-8-8.

Imamwada Latrines.

150. The construction of the latrines at Imamwada was completed departmentally at a total cost of Rs. 734-2-10.

Latrines at the Junction of Falkland Road and Gilder Street.

151. A grant of Rs. 367 was sanctioned for converting the flushing tanks of the latrines into automatic flush tanks. The work was carried out departmentally at a total cost of Rs. 364-15-5.

Colaba Latrines.

152. The construction of latrines at Colaba was deferred for some time in consequence of financial difficulties. Towards the close of the year the proposals for constructing two sets of latrines on the two sites acquired for the purpose were under consideration.

Walkeshwar Latrines.

153. The Chairman of the Improvement Trust represented to Government that the location of a permanent latrine on the site selected by the Health Officer, would deteriorate the property of the Trust in the locality and proposed that a portable latrine should be erected on the site.

154. Government thereupon decided under their Resolution, No. 1302, dated 20th February 1899 (Revenue Department), that the Municipality would be permitted to erect a portable latrine on the site in question, on an annual tenancy at such rent as the Collector of Land Revenue, Customs and Opium, Bombay, may fix.

155. The preparation of a revised estimate for the erection of a portable latrine was taken in hand at the close of the year.

Latrines on the Apollo Reclamation.

156. The Wellington Reclamation having been laid out and new roads having been constructed thereat, the Port Trustees desired the removal of latrines which existed on a site rented by the Municipality from the Trustees on the Apollo Reclamation at a nominal rental of Rs. 5 per annum, and they suggested that the Municipality should

erect other latrines near the Saluting Battery in substitution of those which were proposed to be removed on a site near the Saluting Battery which they offered for the purpose, on the following terms :—

(*a*) The arrangement to hold good for ten years.

(*b*) The Municipality to pay to the Trustees Rs. 5 as an annual rent for the new site.

(*c*) That in the event of the Trustees requiring the Municipality to give up the site within the term of ten years, the Trustees should provide another site and pay half the cost of the removal.

(*d*) That the Trustees would share with the Municipality the cost of the proposed removal of the latrines.

157. The terms having been accepted the Secretary, Port Trust, deposited the following sums :—

	Rs. a. p.	Rs. a. p.
On the 4th June 1898 :—		
One half of the estimated cost of erecting a twelve-chamber latrine on water carriage system and a two-chamber urinal	2,809 0 0	
Full estimated cost of 9″ pipe sewer in Merewether Road	1,255 0 0	
		4,064 0 0
On the 25th July 1898 :—		
One half of the cost of removing the old latrines	47 8 0	
Estimated cost of laying a 9″ pipe sewer in the western portion of the extension of Henry Road	637 0 0	
Estimated cost of laying a 9″ pipe sewer in Merewether Road from Henry Road to Ormiston Road	2,966 0 0	
		3,650 8 0
Total ... ... Rs.		7,714 8 0

158. The work was taken in hand departmentally and nearly completed in the beginning of November 1898, when the Water and Drainage connections, and the corrugated sheet partition only remained to be provided, but the further execution of the work was stopped in accordance with the Municipal Commissioner's No. 20291, dated 18th November 1898, as the Port Trustees desired to lay out for building purposes the ground occupied by the latrines and urinals under construction.

159. The Trustees' proposal to remove the newly erected latrines and urinals and to erect new ones in their stead on a site offered by them, on Henry Road was under consideration at the close of the year.

URINALS.

160. The erection of the undermentioned urinals, which was in progress at the close of the last year, was completed by Messrs. Dewram Keshavji and Company, Petty Works Contractors, at the total cost mentioned against each :—

	Total Cost. Rs. a. p.
Two-chamber trough pattern urinal near Messrs. Richardson and Cruddas's Workshop at Parel Road	452 8 9
Six-chamber trough pattern urinal at Masjid Street	586 9 1
Four-chamber trough pattern urinal at the end of Barrack Street	782 15 2

161. The erection of the following urinals was entrusted to the same Contractors, and was also completed by them at the total cost noted against each :—

	Total Cost. Rs. a. p.
Two-chamber trough pattern urinal at De'Souza Street	447 3 6
Six-chamber trough pattern urinal against the wall of the Mumbadevi Tank opposite Coppersmith Bazar	980 13 4
Six-chamber trough pattern urinal at the east wall of Pedder Market, Dockyard Road, Mazagaon	1,098 15 2
Two-chamber trough pattern urinal near St. George's Hospital, Fort	690 13 0
Two-chamber urinal for females on the pavement at the east side of Fort Market.	652 6 3
Three-chamber trough pattern urinal at Nagdevi Street	529 7 3
Six-chamber trough pattern urinal at Cathedral Street	1,004 13 3
Six-chamber trough pattern urinal at DeLisle Road at the south-west corner of the G. I. P. Railway Store Yard ...	1,022 6 5

162. The construction of a two-chamber urinal at Imamwada was carried out departmentally at a total cost of Rs. 734-2-10.

163. The site for erecting an urinal at Apollo Bandar not being available, the question of constructing an under-ground urinal in the locality, was under consideration at the close of the year.

164. The erection of a four-chamber urinal at Jail Road, East, was entrusted to Messrs. Dewram Keshavji and Company, Petty Works Contractors, and was nearly completed by them when owing to objections raised by Mr. Graham, the owner of a house in the locality, it was decided to shift the urinal to Chinch Bandar Road.

165. The latter work was entrusted to the same Contractors, and was in progress at the close of the year.

DRAINAGE SLUICES.

166. The sluices and penstocks which are in charge of the Drainage Branch at the following places were worked satisfactorily during the year with the usual staff :—

(*a*) Dharavi.
(*b*) Warli.
(*c*) Love Grove.
(*d*) Flats.
(*e*) Bellasis Bridge.
(*f*) Queen's Road.
(*g*) Carnac Road.
(*h*) Mint Road.

167. The expenditure incurred for the maintenance of the sluices did not exceed the Budget provision.

168. The existing gates at the Love Grove Sluices, which have been in use since 1878, being rotten and unsafe, a grant of Rs. 7,345 was sanctioned under the Corporation Resolution No. 2109, dated 9th June 1898, for making and fixing four pairs of gates at the Sluices.

169. The work was entrusted to the Asistant Engineer, Mechanical Branch, for execution at the Municipal Workshops, and was in progress at the close of the year.

170. The gates at the Warli and Dharavi Sluices are also in need of renewal, but it is not advisable to incur any heavy expenditure for their renewal until the question of the future outfalls for surface and subsoil waters is settled.

MISCELLANEOUS DRAINAGE.

171. The works under this head, comprising repairs and alterations to, and constructing the cleaning of sewers and drains generally, together with the cleaning and flushing of the main sewers, were carried out under the supervision of the Chief Inspector of Drains.

172. Daily reports in the prescribed form, showing the number of sewer-scrapers and the work done, were submitted by the Chief Inspector.

173. The total length of sewer cleaning carried out in different parts of the City during the current official year has been 68,588 feet as under and as against 51,880 of the year before :—

Mint Road	3,945
Carnac Road	3,184
Prarthana Samaj to Khetwadi 10th Lane	2,795
Falkland Road	3,314
Ardeshir Dadi Street	105
Pipe Depôt	1,335
Clerk Road	3,536
Ripon Road	7,922
DeLisle Road	18,296
Haines Road	4,424
Church Gate Street	850
Mayo Road	7,253
Hornby Road	2,160
Chaupati Road	1,620
French Road	200
Mathew Road	700
Girgam Road	1,050
Kamatipura Centre Road	2,476
Curry Road	2,800
Gilder Street	623
Total Rg. feet...	68,588

Sanitary Arrangements of Health Camps, Plague Hospitals, &c.

174. Fifty-nine works in connection with the sanitary arrangements of the various Health Camps, Observation Camps and Plague Hospitals were carried out by the Drainage Branch. Out of these 48 were executed under the supervision of the Chief Inspector of Drains, and 11 under the supervision of the Head Plumber.

175. The following statement shows that 2,378 notices were served on house-owners.

176. Proceedings were taken in the Police Courts against the house-owners who failed to comply with the requirements of the various sections of the Municipal Act :—

Sections of the Municipal Act.	Total Number of Notices issued.	Subsequently complied with.	Not complied with.	Remarks.
222	3	1	2	
228 & 229	1	1	.....	
230	3	1	2	
231	979	330	649	
232	102	41	61	
234	6	2	4	
238	1	.....	1	
244	4	.....	4	
248	3	1	2	
257	1,268	927	341	
257 & 260	1	1	.....	
258	7	1	6	
Total ...	2,378	1,306	1,072	

177. The following statement shows the number of summonses taken out and the result thereof :—

Sections of the Municipal Act.	Total Number of Summonses issued.	Number withdrawn.	Number complied with.	Amount of fines inflicted.	Remarks.
				Rs. a. p.	
231	663	215	448	408 0 0	
232	51	18	33	60 0 0	
234	12	7	5	10 0 0	
248	1	1	.....	.....	
257	766	311	455	428 0 0	
258	2	.....	2	.....	
558	.....	.....	.....	.....	
Total...	1,495	552	943	906 0 0	

WORKS EXECUTED.

Works executed Departmentally.

178. The following is a summary of Miscellaneous Drainage Works executed during 1898-99 for Municipal Departments and private parties by the Drainage Branch :—

Number of Works.	Name of Department.	Amount. Rs. a. p.	Aggregate Cost. Rs. a. p.
	Executive Engineer's Department—		
75	Drainage Branch	4,787 13 8	
21	Water Branch	229 8 0	
42	Road Branch	2,710 9 8	7,727 15 4
179	Health Department	... ...	4,104 14 0
21	Market do.	... ...	430 2 4
6	Fire Brigade do.	... ...	30 1 5
8	Garden do.	... ...	189 4 0
1	Assessment do.	... ...	3 12 8
1	Special Drainage Department ...	... ...	86 7 11
8	Joint School Committee do. ...	... ...	102 9 2
59	Plague Department	... ...	15,199 8 7
82	Private Parties	... ...	10,746 2 4
448	Total ... Rs.		38,620 13 9

Works executed by the Petty Works Contractors.

179. The following Drainage works were entrusted to, and executed by, the Petty Works Contractors, Messrs. Devram Keshavji and Company :—

Consecutive No.	Nature of Works.	Locality.	Cost of the Work. Rs. a. p.
1	Laying storm-water drain at 12 places.	Across the footpath along DeLisle Road.	121 5 0
2	Constructing a rubble masonry drain.	Tardeo Road	468 12 2
3	Removing and resetting zinc vent-shaft over the centre point of the roof of house No. 10.	Ropa Lane, Chandanwadi ...	58 4 0
4	Ovoiding the road side drain from the stand-pipe in front of Mr. Davar's new premises.	Nepean Sea Road	234 7 4
5	Constructing six-chamber trough pattern urinal.	At the East end of the Pedder Market, Dockyard Road, Mazagon.	1,098 15 2
6	Constructing a small two-chamber urinal.	Near St. George's Hospital ...	690 13 0
7	Constructing water-gullies ...	At the East-end of Carnac Bridge.	393 8 3
8	Ovoiding open drain at the side of the road in front of the tent pitched for the use of the men, of H. E. the Governor's Band.	Walkeshwar	1,150 12 11
9	Oviding the drain in front of the house of Mr. Nejmudin Tyabji.	Mirza Alli Street	130 11 10
10	Erecting a flushing tank at the head of the Street drain.	Gunpowder Road near Nowghar Tank.	209 2 11
11	Constructing a two-chamber trough pattern urinal.	DeSouza Street	447 3 6
12	Ovoiding side drain and catch-pit with blue stone frame for cast iron grating and brick masonry chamber, &c.	Junction of Nepean Sea Road and Narayen Dabholkar Road.	316 8 6
13	Laying table stones and constructing three water gullies.	Chandanwadi	390 12 7
14	Erecting a two-chamber female urinal on the footpath outside.	Fort Market	631 9 6
15	Removing and refixing metal zinc vent shaft of house No. 6-8-10.	Bhuleshwar Road, opposite Bhuleshwar Market.	65 6 0
16	Constructing a storm-water drain	South of Harkness Road ...	594 5 11
17	Constructing a masonry drain ...	Khandia Tank Street. ...	1,861 11 9
18	Removing the 12" stone-ware broken pipe laid across the Queen's Road and replacing it with an ovoid drain.	Junction of Queen's Road and 1st Marine Lane.	198 8 5
		Carried over...	9,557 14 9

Works executed by the Petty Works Contractors—*contd.*

Consecutive No.	Nature of Works.	Locality.	Cost of the Work.
			Rs. a. p.
		Brought forward...	9,557 14 9
19	Diverting the drain in front of the premises belonging to Mr. Anandrao Waman Shete.	At the Junction of Khetwadi Main Road and Chunam Kiln Road.	129 3 3
20	Constructing a storm-water drain.	At the Junction of French Road and Queen's Road.	1,455 7 8
21	Constructing an additional drain for storm-water.	At the Junction of Supari-bag, Dadar and Elphinstone Roads.	467 9 10
22	Renewing the 9" pipe drain for the latrine.	Palton Road	1,957 4 10
23	Diverting the drain in front of the premises owned by Mr. Haji Husein Ibrahim.	14th Khetwadi Lane ...	112 8 10
24	Constructing a manhole with catchpit on the pipe drain.	.....	151 9 10
25	Ovoiding the Kacha side drain along the east side and re-grading the side drain on the west side.	Burrows Lane	1,466 14 5
26	Diverting and lowering the drain.	At the Junction of Nariel-wadi and Mount Road.	138 12 10
27	Constructing a side drain 12"×12" with rubble and brick masonry, etc., in front of the private market.	Dadar Road	253 3 0
28	Constructing 12 inspection chambers on the 6" stone-ware pipe drain.	Kumbharwada, Dadar ...	480 0 0
29	Laying 6" cast iron pipe drain to carry sullage water from the premises adjoining Mr. P. N. Wadia's premises.	Nepean Sea Road	142 1 2
30	Constructing five half-sized water gullies and resetting old water tables, etc., at the set-back from Mr. Manekji Edulji Contractor's premises.	Dhanji Street	435 6 8
31	Diverting a drain	At the Junction of Kanda-wadi Lane, Girgam Road.	222 0 4
32	Relaying the 9" stoneware channel, removing and resetting the old Khandkis and repairing the side drain in front of the Church Mission Hall.	Girgam	19 11 8
33	Re-constructing the 4" half round channel drain.	Dharavi Road	328 15 11
34	Removing the existing 4" stone-ware pipe and laying a 6" one.	Do. ...	256 11 8
35	Repairing the vent-shaft attached to the House of Mr. Kamrudin Amirudin.	Chaupati Road	19 10 5
		Carried over...	17,586 3 1

Works executed by the Petty Works Contractors—*concld.*

Consecutive No.	Nature of Works.	Locality.	Cost of the Work. Rs. a. p.
		Brought forward...	17,586 3 1
36	Constructing a six-chamber trough pattern urinal.	Cathedral Street	1,004 13 3
37	Constructing a twenty-chamber Crawford system latrine.	Bhoiwada, Parel	2,249 14 9
38	Re-fixing metal vent shaft to house No. 10.	Bapty Road	29 8 0
39	Refixing the metal vent shaft, laying 6" stoneware pipe drain and an inspection chamber, &c.	At the Junction of Khetwadi 10th Lane and Grant Road.	151 15 2
40	Connecting the water trough with the 9" pipe sewer.	At the foot of Chinchpokli Hill near Kala Chauki.	159 7 5
41	Refixing metal vent shaft at house No. 74.	Lohar Street	80 14 0
42	Ovoiding the side drain	At south side of the Bohra Lane.	198 11 10
43	Constructing water gully near the stand pipe.	Custom Pier Road, Mazagon.	275 4 10
44	Constructing a six-chamber trough pattern urinal.	DeLisle Road at the south-east corner of the G. I. P. Railway Storeyard.	1,022 6 5
45	Erecting a three-chamber trough pattern urinal and removing the existing iron plate urinal.	Nagdevi Street	529 7 3
46	Constructing the water gully ...	At the junction of Mint Road and Fort Street.	336 11 3
47	Paving the open ground and constructing a bund around the latrine.	Between Kalikat and Kochin Streets.	1,746 8 8
48	Constructing a four-chamber trough pattern urinal.	Barrack Street	782 15 2
49	Constructing trough pattern urinal.	Near Messrs. Richardson & Cruddás's Workshops, Parel Road.	452 8 9
50	Constructing three water gullies with connecting drains.	Hornby Road in front of the Victoria Terminus.	763 8 8
		Total Rs.	37,369 14 6

STORES AT BELLASIS BRIDGE DEPOT.

Stoneware Pipes.

180. Stoneware pipes for the Special Drainage Department were supplied by Messrs. Richardson & Cruddas.

181. A quantity of stoneware flap pipes was removed from the Palton Road Store Yard to the Bellasis Bridge Depôt to provide room for work at the Municipal Workshops in accordance with the Municipal Commissioner's No. 22348, dated 8th December 1898.

182. The value of the pipes and specials (traps, junctions, bends, &c.), received during the year was Rs. 22,498-7-7, and of those issued to the different Contractors and sold to Plumbers and others amounted to Rs. 29,417-0-2.

Cast-iron and Galvanized Sheet-iron Fittings, &c.

183. Messrs. Richardson & Cruddas were unable to complete the delivery of the cast-iron pipes and fittings referred to in para. 249 of the last Administration Report until the 9th November 1898.

184. They explained that the delivery of pipes and fittings which were imported by them from England was delayed owing to the strike and heavy breakage in the last lot of pipes imported by them and that the delivery of the articles manufactured by them at their workshops was delayed in consequence of the labour difficulty owing to the plague.

185. The contract time for the supply was, under the circumstances, extended to the 9th November 1898 as per Standing Committee's Resolution No. 8786 of 11th January 1899.

186. Cast-iron manhole frames and covers and other castings for ordinary drainage and miscellaneous works were supplied by Messrs. Sorabji Shapurji & Co., the Casting Contractors for the year.

187. The total value of the cast-iron articles received and issued during the year amounted to Rs. 11,495-13-1 and Rs. 8,055-7-3, respectively.

Cement.

188. Tenders, returnable on the 27th April 1898, were invited for a supply of 800 casks of Portland Cement.

189. Only two tenders were received and that of Mr. Gulamali Jivaji Pachmariwala being the lower, was accepted as per Standing Committee's Resolution No. 1455, dated 23rd May 1898.

190. The Cement delivered was manufactured in Glasgow by Messrs. Gillingham and Company, and the rate allowed for it was Rs. 9-3-0 per cask of 380 lbs. net weight.

191. Under the terms of his agreement Mr. Gulamali was bound to deliver the Cement in three instalments as follows :—

300 casks	on or	before the	31st May 1898.
Do.	do.	do.	20th June 1898.
200	do.	do.	10th July 1898.

192. The Contractor was unable to complete the delivery of the first instalment until the 6th June, of the second instalment until 18th July, and of the third instalment until the 19th July 1898.

193. He explained that the delay in the delivery of the first instalment was owing to the delay in unloading the casks of Cement from the S.S. "Arabia" in consequence of the casks having been deposited in the bottom of the steamer and that the delay in the delivery of the second and third instalments was due to heavy rain which prevailed not only on the dates on which the deliveries were due, but also on the four or five days following those dates in consequence of which there was a large accumulation of water in front of the Store Yard at the Bellasis Bridge Stores Depôt, which he apprehended would damage the cement if then delivered.

194. The contract time for the delivery of the first, second and third instalments was consequently extended to the 6th June, 18th July and 19th July 1898, respectively, under the Municipal Commissioner's No. 13803, dated 31st August 1898.

195. Tenders, returnable on the 10th November 1898, were invited for a further supply of 1,900 casks of Portland Cement.

196. Three, tenders were received, and that of Messrs. Isufali Abdulali and Company being the lowest, was accepted under the Standing Committee's Resolution No. 17244, dated 23rd November 1898.

197. It subsequently turned up that the " Eagle Brand " of Cement which Messrs. Isufali Abdulali and Company had tendered to supply, was not English made, but was one manufactured in Belgium. The Municipal Commissioner, therefore, directed under his No. 22544 of 9th December 1898, that fresh tenders be invited for the above quantity of Cement.

198. Fresh tenders, returnable, on the 9th January 1899, were accordingly invited. Six tenders were received, and that of Messrs. John Fleming and Company being the lowest, was accepted under the Standing Committee's Resolution No. 8809, dated 11th January 1899.

199. The Cement delivered was manufactured by Messrs. Knight, Bewan and Sturge of London, and the rate allowed for it was Rs. 8-11-11 per cask of 380 lbs. net weight.

200. Messrs. John Fleming and Company, under the terms of their contract, were bound to deliver the Cement in four instalments as follows :—

236 casks within two weeks from the date of receipt of order.				
660	do.	five	do.	same order.
604	do.	eight	do.	do.
400	do.	eleven	do.	do.

201. The Contractors delivered the first, third and fourth instalments of Cement within due time, but they did not deliver the second instalment until the 22nd February 1899. The date due for the delivery of this instalment was 16th February 1899.

202. They explained that the reason for the short delay in the delivery of the second instalment was that, while the vessel which brought the Cement, arrived early on the 11th February, it did not dock till the 13th idem, and there was great delay in getting the casks duly landed.

203. The contract time for the instalment was consequently extended to the 22nd February 1899, under the Municipal Commissioner's No. 31356, dated 20th March 1899.

204. Owing to the necessity of calling for fresh tenders for the abovementioned supply of 1,900 casks of Cement, it was not possible to obtain the required quantity until about six weeks later than at first anticipated, and this resulted in a great demand for Cement from the different Municipal Contractors and the want of it also interfered with the progress of the several departmental works.

205. One hundred and fifty casks of Gillingham and Company's Hand-brand Cement at Rs. 8-14-0 per cask were consequently purchased from Messrs. Isufali Abdulali and Company in accordance with the Standing Committee's Resolution No. 10452, dated 15th February 1899.

206. As 148 casks out of the above quantity was supplied by Messrs. Isufali Abdulali and Company immediately on receipt of order, and the two remaining casks within the next few days, the formal execution of a contract for the supply was dispensed with, as a special case, in accordance with the Municipal Commissioner's No. 30602, dated 9th March 1899.

207. The total value of the Cement received and issued during the year amounted to Rs. 17,709-0-11 and Rs. 21,306-0-0, respectively.

Value of Stores on Hand and of Receipts and Issues.

208. The following statement shows, that the value of stores on hand, at the commencement of the year (excluding Rs. 1,888-2-4 being the value of Miscellaneous English Articles) was Rs. 3,94,389-1-6, that

the receipts and issues amounted respectively to Rs. 51,703-5-7 and Rs. 58,779-0-5, and that the value of stock in hand, at the close of the year was Rs. 3,87,313-6-8 :—

No.	Particulars of Stores.	Value of Stock in hand on 1st March 1898.	Value of Stock received during the year 1898 99.	Total of Columns 3 and 4.	Value of issues during 1898-99.	Value of Stock in hand on 1st March 1899.
1	2	3	4	5	6	7
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	Stoneware pipes,&c.	2,00,762 11 11	22,498 7 7	2,23,261 3 6	29,417 0 2	1,93,844 3 4
B	Cast-iron fittings...	1,85,820 1 1	11,495 13 1	1,97,315 14 2	8,055 7 3	1,89,260 6 11
C	Cement	7,806 4 6	17,709 0 11	25,515 5 5	21,306 9 0	4,208 12 5
	Total Rs.	3,94,389 1 6	51,703 5 7	4,46,092 7 1	58,779 0 5	3,87,313 6 8

209. The value of the Miscellaneous English articles amounting to Rs. 1,888-2-4 has been omitted from the foregoing statement, because these articles were obtained some years ago by Mr. J. H. Grant, when Municipal Commissioner, while he was in England.

210. The articles were intended to show what Sanitary appliances were at that time manufactured there.

211. Most of the articles being unserviceable were disposed of by public auction on the 14th March 1899. The amount realized by their sale was Rs. 100.

212. The value of a few of these articles which have been reserved has not been entered in the statement, as it was not fixed until the close of the year.

D

WATER WORKS.

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THE TANSA LAKE AND DEPENDENT WORKS.

Rainfall and Collection.

Rain.

213. The rainfall for the year 1898 was 98·68 inches, that for 1896 and 1897 being 120·13 and 104·82 inches, respectively. The accompanying diagram shows the comparative rainfalls for the different days during the years 1891 to 1898.

Days of Heavy Rainfalls.

214. The heaviest daily rainfalls of 3 inches and over in 24 hours were :—

16th	June	1898	... 3·30 inches.
18th	„	„	... 3·18 „
5th	July	„	... 3·53 „
12th	„	„	... 3·47 „
20th	„	„	... 3·30 „
21st	„	„	... 4·05 „

215. The total number of days in which the rainfall exceeded 1 inch being 38.

216. The total amount of rainfall in the drainage area during the last monsoon was estimated at 74,842 million gallons, of this about 36,424 millions or 48·6% reached the lake, the balance being evaporated or absorbed by vegetation.

217. The mean figures for the past 7 years have been 82,833 millions 40,695 million gallons and 50·7 per cent., respectively.

Quantity of Water in, and discharge from, the Lake.

Level of the Lake.

218. The lowest level reached by the water during the year was 394·53 T.H.D. being 10·48 feet below T.W.L. on 9th June 1898. The lake commenced to overflow on 8th July after 31·52 inches of rain had been registered. It finally ceased to overflow on 4th October 1898.

219. The storage above the lowest outlet on the 1st October 1898 was 18,600 millions of gallons, and on the 1st April 1899 was 12,113 millions gallons, shewing a consumption of 6,487 million gallons in 6 months, or 35·6 millions of gallons per day, including evaporation, and leakage, the last being practically *nil*. Of this about 23·8 millions was delivered into the aqueduct, the balance which is practically all evaporation shows a mean of about 4½″ per mensem during the dry season. The consumption for 8 months of the previous year from 1st October 1897 to 1st June 1898 being 8,853 millions of gallons, or 36·4 millions of gallons per day.

Water overflowing the Waste Weir.

220. The quantity of water which passed over the waste weir is calculated to have been 25,198 million gallons. The highest flood level was 405·9 T. H. D. on the 21st July.

Table of Rainfall and Height of Water.

221. Table No. I gives the details of rainfall and height of water in the lake.

222. Quantity of water which enters the duct is, as above stated, about 23·8. This is accounted for as follows:—

Delivered at Ghat-Kuper	22,600,000
Leakage mile 0 to 6	514,000
Do. do. 36 to 44	441,000
Overflow at Syphon heads and leakage which does not appear on the surface and which consequently cannot be gauged	785,000
Evaporation	60,000
	23,800,000 Gallons a day.

the balance being delivered at Ghat-Kuper Syphon head distributed over the different months of the year as follows:—

April	1898	...	...	601·2	millions of gallons.
May	,,	...	...	651·8	,,
June	,,	...	...	554·5	,,
July	,,	...	...	665·7	,,
August	,,	...	...	661·1	,,
September	,,	...	...	636·6	,,
October	,,	...	...	735·0	,,
November	,,	...	...	719·3	,,
December	,,	..	...	689·1	,,
January	1899	...	...	679·8	,,
February	,,	...	...	614·0	,,
March	,,	...	...	665·0	,,
		Total	...	7,873·1	millions of gallons.

223. Total of 12 months equal to an average of 22 million gallons per day.

Quantity of Tansa Water passed into the Vehar Lake.

224. During the year 1898-99, 47·5 million gallons of Tansa water was passed into the Vehar Lake through the clearing sluice at the 42nd mile of the duct, that during the years 1896-97 and 1897-98 being 165 and 213 million gallons, respectively. It may be noted that this amount, owing to increased consumption of Tansa water, is diminishing year by year.

Repairs to Kasheli Embankment.

225. The Corporation, in their Resolution No. 12511, dated 11th February 1896, sanctioned the sum of Rs. 62,115 for repairs to a portion of the embankment between Godauli and Balcomb. The contract for this work was let for Rs. 53,737-8-0 to Mr. Bhasker Shivram who commenced it on the 26th May 1897 and completed it during the year under report, at the cost of Rs. 48,757-5-4, a further sum of Rs. 35,892 was entered in the Budget of 1897-98, which, not having been spent during the year, will be re-appropriated during 1899-1900, the contract for which has been let to Messrs. Littlewood, Pallonji & Co., at a cost of Rs. 20,726-6-0 and the work will shortly be commenced.

Annual Inspection of, and Repairs to, the Duct.

226. The supply was shut off from the 8th to 10th September for inspection and repairs.

227. Three important leaks, miles 37-38, caused by longitudinal cracks aggregating about 700 feet in length between the invert and side walls, were cut out and stopped, reducing the leakage by over 6,00,000 gallons a day.

228. These have, however, unfortunately reappeared near the same spots, though so far in smaller quantity. If they increase, it is proposed to endeavour to stop them by means of asphalt instead of with cement at the end of next monsoon.

229. In addition to the above, a large quantity of roots were removed from the aqueduct.

Bursts on the 48 inch Main and the stoppage of Tansa Water in Bombay.

230. During the year there was one burst at Siphon No. 5 which occurred on 7th April, and which necessitated the water being shut off for three days.

231. On the 18th June a subsidence occurred in the bank, carrying the 48" pipes on Siphon No. 6 south of Bridge No. 3 over the Bassein Creek caused by the monsoon rain. The pipes were jacked back into position and three joints re-made. This necessitated a stoppage of supply for three days. The pillars supporting the pipes were raised to the outer side of the bank to prevent the recurrence of a similar accident.

232. Several similar subsidences were made good without interruption to the supply and a portion of the embankment near the mile 28 and 29, which was washed away by the bursting of a bund, repaired by throwing in rubble stones. Had it not been taken in time a serious accident would in all probability have happened.

VEHAR LAKE AND DEPENDENT WORKS.

Rainfall and Collection.

Rainfall.

233. The rainfall for 1898 was 94·51 inches, that for 1896 and 1897 being 109·81 and 97·36, respectively.

234. The accompanying diagram shows the comparative rainfalls for the different days during the years 1891 to 1898.

Days of Heavy Rainfalls.

235. The heaviest daily rainfalls of three inches and above were :—

15th June	... ...	3·05 inches.
13th July	... ...	3·06 ,,
20th ,,	... ...	3·04 ,,
21st ,,	... ...	5·79 ,,
22nd ,,	... ...	6·23 ,,
8th Sept.	... ...	4·07 ,,
10th ,,	... ...	6·13 ,,
11th ,,	... ...	3·84 ,,

236. Total number of days of one inch and over being 37.

237. The total quantity of rain which fell in the drainage area was about 8,464 million of gallons, of this about 70 per cent. appears to have reached the lake.

Quantity of Water in, and discharge from, the Lake.

Level of the Lake.

238. The lowest water level in the Lake during the year was, 252·80 T. H. D. on 8th June 1898. The water commenced to overflow at 264·50 level T. H. D. on 11th September after 85·66 inches of rain had been registered. The overflow finally ceased on 1st October 1898. The waste weir stop planks were raised from 263·50 to 264·50 T. H. D., thus increasing the storage capacity by about 400 million gallons.

239. The storage of water on the 1st October 1898 was 11,767 million, and on the 1st April 1898, 8,940 million gallons, shewing a consumption of 2,827 million gallons from the Vehar Lake in six dry months of October to March, or equal to 15·5 million gallons per day including evaporation and leakage, but exclusive of that received from Tansa Duct during the period. The quantity of water consumed for eight months of the previous year, from 1st October 1897 to 1st June 1898, being 3,512 million gallons, or 14·4 million gallons per day.

Water received from the Tansa Duct and Tulsi Waste Weir into Vehar Lake.

240. During the year 47·5 million gallons, as above stated, were supplied to this lake from the Tansa Duct, and 865 million gallons overflowed from the Tulsi Lake into Vehar gathering ground.

Quantity of Water overflowing the Vehar Waste Weir.

241. The quantity of water that flowed over the waste weir was 2,300 million gallons.

Evaporation from the Lake.

242. The evaporation for the months of October to March was 21 $\frac{7}{10}$ inches, equal to ·115 inch per day, as detailed in table No. 13.

243. The pitching of the apron behind the waste weir, which has been washed out in the rains of 1897, was repaired departmentally, and successfully stood the overflow during last monsoon.

Filter Beds at Vehar.

244. The filter beds at Vehar have been working regularly during the year. Each of the five filter beds was cleaned every ten days on an average. The total quantity of water filtered in 347 days of the year during which the filters worked was 434 million gallons, equal to an average of 1·35 million gallons per day for four filters out of five, or 502

gallons per day per square yard of working filter. But it may be noted that these filters work during the night at a diminished rate than during the day. In addition to this about 2 million gallons per day of unfiltered water was supplied through the 24" main during the hot weather.

Bursts on the 32-inch and 24-inch Vehar Mains.

245. During the year the bursts on the 32-inch and 24-inch Vehar mains, between Vehar and Kurla, were as follows:—

Date.	Size of Main.	Locality.	Duration of stoppage of supply.	Remarks.
5th Oct. 1898 ...	24"	At the junction of Marole-Andheri Road.	30½ hours.	
27th Jan. 1899 ...	32"	Near Kurla Station ...	24 „	

246. The 32-inch main, especially near Kurla, is in a very unsafe condition and urgently requires renewal.

Table of Rainfall and Leakage.

247. Table No. 2 gives the details of the water level, rainfall and gaugings of leakage at Vehar Lake.

Road from Vehar to Tulsi.

248. The construction of the road from Vehar to Tulsi has been sanctioned, but the work was not taken in hand during the year. The amount sanctioned by the Corporation in the year 1894 for this work was Rs. 25,000. This estimate was obtained by the then Deputy Executive Engineer, but the present Deputy Executive Engineer having reported that it would cost Rs. 76,000 the matter is being further considered. Detailed plans and estimates are being prepared.

Outlet Sluices for Vehar Tower.

249. Plans and estimates have been prepared for providing new outlet sluices and lifting gear for the Vehar outlet tower and works will be taken in hand during the next year.

TULSI LAKE AND DEPENDENT WORKS.

Rainfall and Collection.

Rainfall.

250. The rainfall for the year 1898 was 111·58 inches, that for the two previous years 1896 and 1897 being 139·52 and 118·66 inches, respectively.

251. The accompanying diagram shews the comparative rainfalls for the different days during the years 1891 to 1898.

Days of Heavy Rainfall.

252. The heaviest daily rainfalls of 3 inches and above were :—

13th	June	1898	...	...	...	...	4·49 inches.
15th	„	„	...	...	...	...	4·47 „
17th	„	„	...	...	...	...	3·62 „
6th	July	„	...	...	...	...	3·60 „
7th	„	„	...	...	...	...	3·58 „
21st	„	„	...	...	...	...	7·31 „
22nd	„	„	...	...	..	...	9·84 „
9th	Sept.	„	...	...	...	...	3·40 „
10th	„	„	...	...	...	...	5·43 „
11th	„	„	...	...	...	...	4·53 „

253. The total number of days of 1 inch and more rainfall being 31.

254. The total amount of rain which fell in drainage area was estimated at about 4,298 million gallons ; of this about 2,670 millions or 62 per cent. were received into the Lake. The mean percentage since the lake was constructed in 1881 is calculated to have been about 72.

Quantity of Water in, and discharge from, the Lake.

Levels of the Lake.

255. The lowest water level reached during the year was 438·15 T. H. D. on the 10th June 1898. The lake commenced to overflow on 24th July 1898, after 74·21 inches of rainfall had been registered and ceased on the 21st September.

256. The storage of water on the 1st October 1898 was 2,269 million gallons, on the 1st April 1899 it was 1,222 million gallons shewing the consumption of 1,047 million gallons in 6 dry months of October to March or equal to 5·7 million gallons per day including evaporation and leakage. The quantity of water consumed for 8 months of the previous year from 1st October 1897 to 1st June 1898, being 1,343 million gallons or 5·5 million gallons per day.

Evaporation.

257. The evaporation for the months of October to March was 18·3 inches equal to ·10 inch per day, *vide* table No. 3.

258. Table No. 14 gives the details of water level and gaugings of leakage.

Repairs to the Catch-water Channel.

259. The Catch-water Channel entering the lake at the South-west end of the masonry dam, which had been badly breached during the previous year was repaired. The bank at the lower side was raised to the level of the top of the masonry dam and the channel cleared of vegetation and debris. The work was done departmentally and has proved successful.

PAWAI LAKE.

260. As this lake is utterly useless to the Municipality, negotiations are in progress to let the land belonging to the Corporation, Bungalows, &c., to the Agave Fibre Syndicate for the cultivation of the Agave plant and its manufacture into fibre.

261. Table No. 4 gives details of the water level and rainfall.

BHANDARWADA (JOHN HAY GRANT) SERVICE RESERVOIR.

Covering Basin No. 2 and construction of Filters over it.

262. Owing to the difficulty of getting the Contractor, Mr. Sittaram Luxman, to wash the sand for the filters in a satisfactory manner, this part of the work, was taken out of his hands, and is now being done departmentally.

263. Filter No. 9 was completely charged, and put in use on 14th February 1899, it was found to filter in a satisfactory manner, but there is a leakage through the arching into the Reservoir below, equivalent to a fall in the surface level of fully $1\frac{1}{4}''$ per hour, or nearly a fourth of its full rate of filtration. Though this does not lead to loss of water, it makes it difficult to properly regulate the rate of filtration.

264. The work of charging Filter No. 8 is nearly done and it is hoped that both it and No. 7 will be completed during the next year.

265. The work is being done within the Schedule rate.

266. The filtering materials belonging to Filter No. 5, which had been removed, have been washed and replaced Departmentally at a cost of Rs. 1,960. It is now working satisfactorily.

MALABAR HILL RESERVOIR.

Filters.

267. The sand in Filters Nos. 2 and 3 which formed the subject of dispute with the Contractors has been re-washed and replaced departmentally at a cost of Rs. 2,366, of which Rs. 436, were contributed by the Contractors.

268 They are now in use and are working in a satisfactory manner.

269. Filter No. 4 is at present in hand, about 70 brass of shingle was required to complete the layer of gravel between the metal and sand, of this 19 were taken over from the Contractors and the balance is being obtained from that screened from the sand at Bhandarwada filters. 185 brass of white sand has been contracted for with Messrs. Esufalli Abdulalli & Co. and it is hoped that it will be all placed in the Filter, before the end of the next year.

270. When the above work has been completed it is proposed to carry out certain experiments with a view to ascertain the best rate of filtration. When this is done, the question of the extension of the filters will be considered.

271. Mr. Bruce, the Deputy Executive Engineer, Water Works, has put forward a scheme for extending the filters by adding three new filter beds to the west of those at present in existence at an estimated cost of about 2½ lakhs. This matter will be considered in due course.

QUALITY OF WATER.

Crocodiles and Crocodile Eggs.

272. Seven crocodiles have been killed during the year and 41 eggs destroyed.

Analyses of Water.

273. Analyses of water are given in Table No. 5.

Temperature of Water.

274. The details of observations of the temperature of water at 6 a.m. in the Lakes and Service Reservoirs are given in Table No. 6.

MISCELLANEOUS WORKS.

Extension of Water Mains.

Laying 9" main in Worli Road in place of one 3" diameter.

275. The laying of this main has been completed at a cost of Rs. 42,617-7-0 and is now in use.

Supplying and laying 4" cast-iron mains in various parts of the City.

276. This work which was entrusted to Mr. Pallonji Edulji Contractor at an estimated cost of Rs. 24,373-2-0, was completed on 12th May 1898, at a cost of Rs. 22,769-10-1.

277. The 4" mains referred to were laid in the following streets :—

	L. ft.
Chunam Kiln Road near Grant Road	610
Khetwadi 10th Lane	409
Kandawadi Lane...	309
Parsiwada 3rd Lane	570
Sleater Road	636
Raghunath Dadaji Street	443
Waudby Road	88
Queen's Road	3,074
Khetwadi 12th Lane	1,012
Dhunji Street	1,947
Total ...	9,098 L. ft.

278. A revised scheme for extension of mains in various parts of the City is at present the subject of inquiry by a Committee of the Corporation.

DISTRIBUTION AND MAINTENANCE.

279. The number of connections cut off during the year at the instance of the Executive Health Officer was 204, and 151 stand-pipes were erected to supply people thus deprived of water in their houses.

280. The consumption of water continues to be excessive, and is much the same as last year, save that owing to there being a somewhat larger population, complaints of deficient supply have begun somewhat earlier. This difficulty may be expected to become more and more acute each year so long as the present system of supply is continued.

Dipping Wells.

281. The conversion of dipping wells into stand pipes at the following places was completed during the year under report :—

Sion Road.

Bhoiwada Cross Road.

Cawasji Patel Street and Clerk Road.

The fountain at the junction of Elphinstone and Dadar Roads, erected at the expense of Mr. Shaisha R. Naidoo, was completed at the beginning of the year.

Bursts Repaired.

282. The repairs during the past three years have been as follows:—

Diameter of pipe.	1896-97.	1897-98.	1898-99.	REMARKS.
3"	116	64	65	
4"	89	30	20	
5"	2	4	.....	
6"	7	2	5	
7"	7	.....	.....	
8"	2	4	1	
9"	1	2	.....	
10"	.....	.....	.....	
12"	.....	.....	1	
16"	1	.....	.....	
20"	.....	1	.....	
24"	.....	.....	.....	
27"	.....	.....	.....	
32"	2	2	1	
42"	.....	.....	.....	
48"	3	.....	.....	
Total ...	180	109	93	

283. The following statement shows the localities in which burst in mains of 12" diameter and upwards occurred in 1898-99.

Size of Mains.	Date when burst.	Localities.	When repaired.
12"	1-11-98	Jacob Circle.	
32"	19-5-98	Between Dadar and Matunga Station.	

Connection Work.

284. During the year 471 new connections were made as shewn in Table No. 10.

285. 176 connections were cut off for sanitary reasons referred to above, owing to buildings having been pulled down, for non-payment of rates or on account of infringements of the Municipal Act.

286. The net increase in the number of connections, exclusive of those made for Health Camps, &c., has been 175 or 3·7 per cent. The total number now stands at 19,990.

287. The annual increments for the past three years have been as follows :—

Years.	Number.	Per cent. of increase.
1896-97	267	1·3
1897-98	103	0·5
1898-99	175	3·7

Meter Supplies.

288. The number of meters of different diameters in use on the 31st March 1899 was 2,371, being an increase of 162 on that 2,209 for the preceding year.

289. The consumption by meter during the past three years has been :—

1896-97	1,258,941,436
1897-98	1,253,345,113
1898-99	1,470,056,205

290. Further particulars are given in Table No. 12.

291. During the year 1,415 meters or 60 per cent. of the whole number in use were tested with the following results :—

Defect.	Number.	Percentage of number tested.	Percentage of those found defective.	Percentage of whole number of meters in use.
1. Meters stopped owing to wear and tear ...	375	26·48	65·1	15·8
2. Slow from same cause.	18	1·27	3·1	0·7
3. Stopped by dirt in the Works...	53	3·75	9·2	2·2
4. Slow do. ...	16	1·13	2·8	0·6
5. Fast do. ...	3	0·28	0·5	0·1
6. Stopped owing to damage from external cause	111	7·83	19·3	4·7
7. Accurate	839	59·26	.....	35·9
Total ...		100	100	60·0

292. Since August last two men have been constantly employed for cleaning the 'Dirt boxes' of meters. 580 a month have been so cleaned so that all the meters are gone over about three times a year. The result being that, while in April and May 21 per cent. of the meters tested were found defective owing to dirt sticking in the working parts during the last five months of the year, only one meter was found to be out of order from this cause.

Waste Prevention.

293. The breaking up the roads in many localities and the disturbance of the subsoil for new drainage works has greatly increased the work in this Department.

FINANCIAL.

294. The value of the reserve stock on the 1st March 1898 was Rs. 4,22,005-10-5. The purchase during the year aggregated to Rs. 46,894-3-3. The issues during the year aggregated to Rs. 72,397-12-9, and the value of the balance on the 1st March 1899 was Rs. 3,96,501-15-9. This leaves an amount on the credit of Rs. 8,834-4-0.

Sale of produce at Lakes and other places.

295. The right of taking fruits from the trees on Municipal land about the lakes and on the pipe lines, and of taking grass, leaves, dead trees, brushwood, &c., on the Pawai Lake property was sold in 1898-99 for Rs. 1,183 against Rs. 1,788 realized in 1897-98.

Works executed for Municipal Departments and Private Parties.

296. Works executed by the Water Branch during the year 1898-99 for Municipal Departments and Private Parties amounted to Rs. 43,538-4-3.

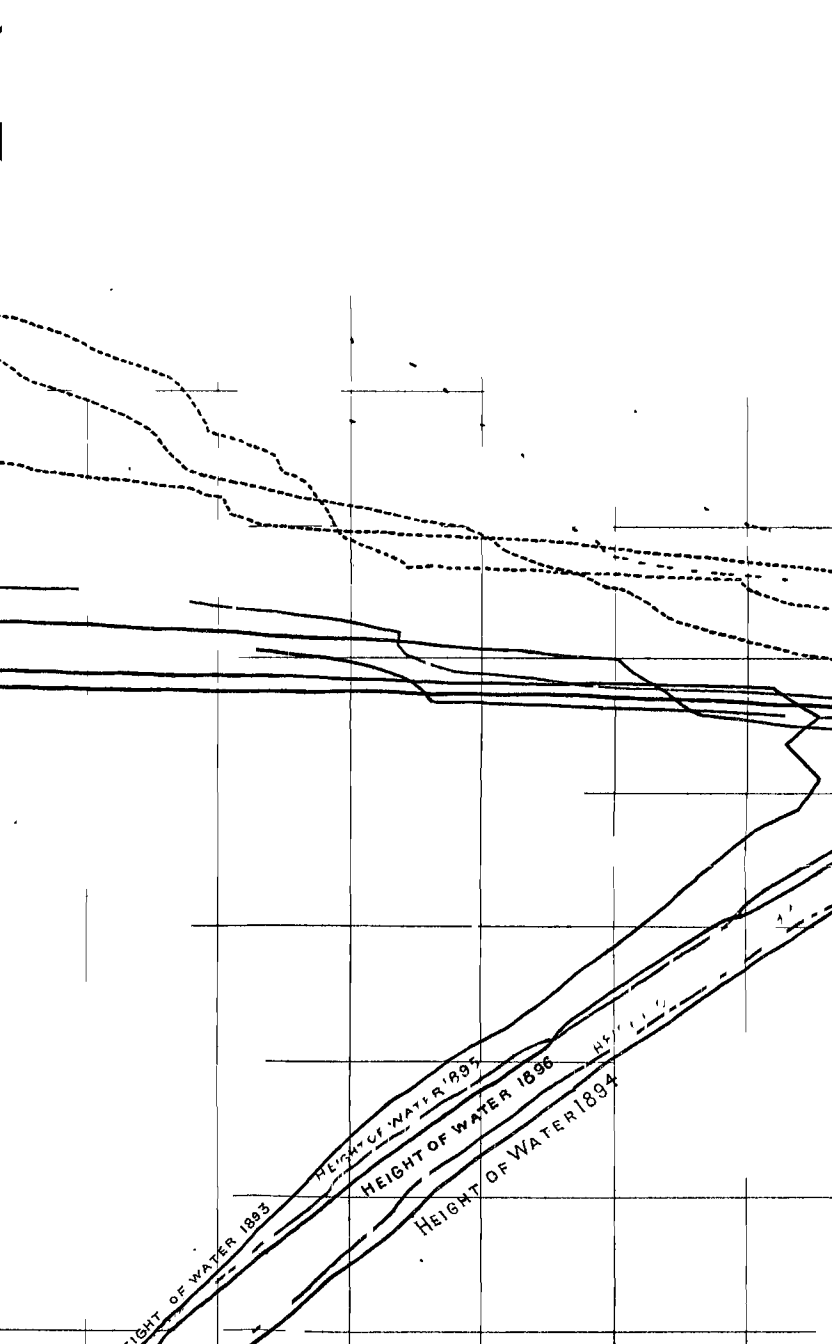
		Rs.	a.	p.
Departmental		37,539	2	0
Private		5,999	2	3
	Total	43,538	4	3

GENERAL.

Notices issued.

297. Tables Nos. 8 and 9 give the number of notices issued during the year. The total was 7,369 against 10,010 in 1897-98 and 9,747 in 1896-97.

298. Applications were made to the Standing Committee, and their sanction accorded under section 379 of the Municipal Act, to sever the connections of service pipes in 1,621 cases for different reasons the sanction was carried out in 176 cases.


HEIGHT OF WATER 1895
HEIGHT OF WATER 1896
HEIGHT OF WATER 1894

STATISTICS.

TABLE No. 1.

299. Water Level and Rainfall at Tansa Lake.

Date 1898.		Height of Water.		Rainfall.		Date 1898.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
1	January ...	401	86	...	...		Brought ford.	...	...	...	...
2	,, ...	401	82	...	...						
				...	...	1	February ...	400	62	...	...
						2	,, ..	400	58	...	...
3	,, ...	401	78	...	...	3	,, ...	400	54	...	...
4	,, ...	401	74	...	...	4	,, ...	400	50	...	...
5	,, ...	401	70	...	...	5	,, ...	400	46	...	...
6	,, ...	401	66	...	...	6	,, ...	400	42	...	...
7	,, ...	401	62	...	...						
8	,, ..	401	58	...	...					...	...
9	,, ...	401	54	...	...						
				...	...	7	,, ...	400	38	...	...
						8	,, ...	400	34	...	...
						9	,, ...	400	30	...	...
10	,, ...	401	50	...	...	10	,, ...	400	30	...	27
11	,, ...	401	46	...	...	11	,, ...	400	28	...	...
12	,, ...	401	42	...	...	12	,, ..	400	24	...	...
13	,, ...	401	38	...	...	13	,, ..	400	20	...	...
14	,, ...	401	34	...	...					...	...
15	,, ...	401	30	...	...						
16	,, ...	401	26	...	...					...	27
				...	...	14	,, ..	400	16	...	...
						15	,, ...	400	12	...	...
17	,, ...	401	22	...	...	16	,, ...	400	08	...	...
18	,, ...	401	18	...	...	17	,, ...	400	04	...	...
19	,, ...	401	14	...	...	18	,, ..	400	00	...	...
20	,, ...	401	10	...	...	19	,, ...	399	96	...	
21	,, ...	401	06	...	...	20	,, ...	399	92		
22	,, ...	401	02	...	...					...	...
23	,, ...	400	98	...	...						
				...	...	21	,, ..	399	88	...	...
						22	,, ...	399	84	...	...
						23	,, ...	399	80	...	...
24	,, ...	400	94	...	...	24	,, ..	399	76	...	...
25	,, ...	400	90	...	...	25	,, ...	399	72	...	...
26	,, ...	400	86	...	...	26	,, ...	399	68	...	...
27	,, ...	400	82	...	...	27	,, ...	399	64	...	...
28	,, ...	400	78	...	...						
29	,, ...	400	74	...	...					...	...
30	,, ...	400	70	...	...						
				...	...	28	,, ...	399	60	...	...
										...	...
31	,, ...	400	66	...	...						
	Carried over.	...	...	...	...		Carried over.	...	...	...	27

TABLE No. 1—*contd.*

Water Level and Rainfall at Tansa Lake.

Date 1898.		Height of Water.		Rainfall.		Date 1898.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	...	27		Brought ford.	...	...	...	27
1	March ...	399	56	...	...	1	April ...	398	10	...	...
2	,, ...	399	51	...	...	2	,, ...	398	05	...	...
3	,, ...	399	46	...	...	3	,, ...	398	00	...	...
4	,, ...	399	42	...	...						
5	,, ...	399	38	...	...					...	...
6	,, ...	399	33	...	..						
				...	...	4	,, ...	397	95	...	...
						5	,, ...	397	90	...	...
						6	,, ..	397	85	...	...
7	,, ...	399	28	...	...	7	,, ...	397	80	...	...
8	,, ...	399	23	...	...	8	,, ...	397	75	...	...
9	,, ...	399	18	...	...	9	,, ...	397	70	...	...
10	,, ...	399	13	...	...	10	,, ...	397	65	...	...
11	,, ...	399	08	...	...						
12	,, ...	399	03	...	...					...	...
13	,, ...	398	98	...	...						
						11	,, ...	397	60	...	...
				...	..	12	,, ...	397	55	...	...
						13	,, ...	397	50	...	...
14	,, ...	398	94	...	...	14	,, ...	397	45	...	...
15	,, ...	398	90	...	...	15	,, ...	397	40	...	...
16	,, ...	398	86	...	...	16	,, ...	397	35	...	...
17	,, ...	398	82	...	...	17	,, ...	397	30	...	...
18	,, ...	398	77	...	...						
19	,, ...	398	72	...	...					...	...
20	,, ...	398	67	...	...						
						18	,, ...	397	25	...	...
				...	...	19	,, ...	397	20	...	...
						20	,, ...	397	15	...	...
21	,, ...	398	63	...	...	21	,, ...	397	10	...	...
22	,, ...	398	58	...	...	22	,, ...	397	05	...	...
23	,, ...	398	54	...	...	23	,, ...	397	00	...	...
24	,, ...	398	49	...	...	24	,, ...	396	95	...	...
25	,, ...	398	44	...	...						
26	,, ...	398	39	...	...					...	...
27	,, ...	398	34	...	...						
				...	...	25	,, ...	396	90	...	...
						26	,, ...	396	85	...	...
						27	,, ...	396	80	...	...
28	,, ...	398	29	...	...	28	,, ...	396	75	...	...
29	,, ...	398	24	...	...	29	,, ...	396	70	...	...
30	,, ...	398	19	...	...	30	,, ...	396	65	...	...
31	,, ...	398	15	...	...						
	Carried over.	...	...	...	27		Carried over.	...	...	...	27

TABLE No. 1—*contd.*

Water Level and Rainfall at Tansa Lake.

Date 1898.	Height of Water.		Rainfall.		Date 1898.	Height of Water.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
Brought ford.	...	...	...	27					
1 May ...	396	60	...	...	Brought ford.	...	...	...	27
			...	...	1 June ...	395	00	...	...
2 „ ...	396	55	...	...	2 „ ...	394	94	...	...
3 „ ...	396	50	...	...	3 „ ...	394	88	...	...
4 „ ...	396	45	...	...	4 „ ...	394	82	...	...
5 „ ...	396	40	...	...	5 „ ...	394	76	...	...
6 „ ...	396	35	...	...				...	...
7 „ ...	396	30	...	...					
8 „ ...	396	25	...	...	6 „ ...	394	70	...	...
			...	...	7 „ ...	394	64	...	...
					8 „ ...	394	58	...	...
					9 „ ...	394	52	1	62
9 „ ...	396	20	...	...	10 „ ...	394	60	1	67
10 „ ...	396	15	...	...	11 „ ...	394	70	...	40
11 „ ...	396	10	...	...	12 „ ...	394	70	...	27
12 „ ...	396	05	...	...					
13 „ ...	395	98	...	...				3	95
14 „ ...	395	92	...	...					
15 „ ...	395	86	...	...	13 „ ...	394	70	1	60
			...	...	14 „ ...	394	80	1	22
					15 „ ...	394	98	3	30
					16 „ ...	395	70	1	35
16 „ ...	395	80	...	...	17 „ ...	396	35	1	10
17 „ ...	395	75	...	...	18 „ ...	396	80	3	18
18 „ ...	395	70	...	...	19 „ ...	398	50	1	30
19 „ ...	395	65	...	...					
20 „ ...	395	60	...	...				13	45
21 „ ...	395	55	...	...					
22 „ ...	395	50	...	...	20 „ ...	399	10	...	04
			...	...	21 „ ...	399	40	...	...
					22 „ ...	399	45	...	...
23 „ ...	395	45	...	...	23 „ ...	399	45	...	...
24 „ ...	395	40	...	...	24 „ ...	399	46	...	...
25 „ ...	395	35	...	...	25 „ ...	399	46	...	36
26 „ ...	395	30	...	...	26 „ ...	399	46	1	70
27 „ ...	395	25	...	...					
28 „ ...	395	20	...	...				2	10
29 „ ...	395	15	...	...					
			...	...	27 „ ...	399	65	...	10
					28 „ ...	399	75	...	22
30 „ ...	395	10	...	...	29 „ ...	399	80	...	35
					30 „ ...	399	90	...	90
31 „ ...	395	05	...	...					
Carried over.	...	...	...	27	Carried over.	...	...	21	35

TABLE No. 1—*contd.*

Water Level and Rainfall at Tansa Lake

Date 1898.		Height of Water.		Rainfall.		Date 1898.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	21	35		Brought ford.	...	...	65	95
1	July ...	400	13	...	41	1	August ...	405	85	1	02
2	,, ...	400	40	1	75	2	,, ...	405	45	...	60
3	,, ...	400	80	...	55	3	,, ...	405	25	...	20
						4	,, ...	405	18	...	29
				2	71	5	,, ...	405	10	...	12
						6	,, ...	405	05	...	22
4	,, ...	401	12	...	30	7	,, ...	405	05	1	35
5	,, ...	401	30	3	53						
6	,, ...	402	45	2	68					3	80
7	,, ...	404	17	...	95						
8	,, ...	405	20	...	22	8	,, ...	405	05	2	90
9	,, ...	405	12	...	12	9	,, ...	405	35	...	50
10	,, ...	405	10	...	10	10	,, ...	405	20	...	42
						11	,, ...	405	18	...	12
				7	90	12	,, ...	405	10	...	54
						13	,, ...	405	10	...	12
11	,, ...	405	06	1	25	14	,, ...	405	08	...	11
12	,, ...	405	15	3	47						
13	,, ...	405	72	2	12					4	71
14	,, ...	405	65	1	80						
15	,, ...	405	40	2	50	15	,, ...	405	05	...	95
16	,, ...	405	48	1	20	16	,, ...	405	08	...	25
17	,, ...	405	35	...	50	17	,, ...	405	05	...	20
						18	,, ...	405	04	...	45
				12	84	19	,, ...	405	04	...	10
						20	,, ...	405	02	...	27
18	,, ...	405	30	2	80	21	,, ...	405	00	...	70
19	,, ...	405	50	...	65						
20	,, ...	405	30	3	30					2	92
21	,, ...	405	90	4	05						
22	,, ...	405	80	2	55	22	,, ...	405	08	1	55
23	,, ...	405	85	2	10	23	,, ...	405	20	1	12
24	,, ...	405	50	...	45	24	,, ...	405	25	...	38
						25	,, ...	405	20	...	09
				15	90	26	,, ...	405	08	...	56
						27	,, ...	405	10	...	30
25	,, ...	405	25	...	05	28	,, ...	405	09	...	30
26	,, ...	405	15	...	...						
27	,, ...	405	00	...	50					4	30
28	,, ...	405	00	1	35						
29	,, ...	405	20	...	65	29	,, ...	405	05	...	...
30	,, ...	405	20	...	60	30	,, ...	405	02	...	40
31	,, ...	405	30	2	10	31	,, ...	405	00	...	50
				5	25						
	Carried over.	...	...	65	95		Carried over.	...	...	82	58

TABLE No. 1—*contd.*

Water Level and Rainfall at Tansa Lake.

Date 1898.		Height of Water.		Rainfall.		Date 1898.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	82	58		Brought ford.	...	...	97	13
1	September...	405	05	...	30	1	October ...	405	04	...	95
2	,, ...	405	10	...	30	2	,, ...	405	15	...	10
3	,, ...	405	08	...	19						
4	,, ...	405	05	...	18					1	05
				...	97	3	,, ...	405	02	...	...
						4	,, ...	405	00	...	...
5	,, ...	405	05	...	18	5	,, ...	405	00	...	...
6	,, ...	405	02	...	10	6	,, ...	404	96	...	...
7	,, ...	405	00	...	18	7	,, ...	404	92	...	...
8	,, ...	405	06	...	15	8	,, ...	404	90	...	...
9	,, ...	405	06	1	35	9	,, ...	404	88	...	...
10	,, ...	405	25	1	13						
11	,, ...	405	25	...	24					...	...
				3	33	10	,, ...	404	84	...	...
						11	,, ...	404	82	...	...
12	,, ...	405	15	1	25	12	,, ...	404	80	...	...
13	,, ...	405	25	1	63	13	,, ...	404	78	...	...
14	,, ...	405	30	...	67	14	,, ...	404	76	...	...
15	,, ...	405	20	...	35	15	,, ...	404	73	...	...
16	,, ...	405	18	...	50	16	,, ...	404	70	...	...
17	,, ...	405	20	...	15					...	...
18	,, ...	405	15	...	20						
				4	75	17	,, ...	404	68	...	...
						18	,, ...	404	65	...	...
19	,, ...	405	10	...	...	19	,, ...	404	62	...	...
20	,, ...	405	04	...	33	20	,, ...	404	59	...	...
21	,, ...	405	04	...	...	21	,, ...	404	56	...	...
22	,, ...	405	02	...	...	22	,, ...	404	52	...	...
23	,, ...	405	00	...	...	23	,, ...	404	49	...	...
24	,, ...	404	96	...	...					...	...
25	,, ...	404	91	...	...	24	,, ...	404	45	...	...
						25	,, ...	404	41	...	...
				...	33	26	,, ...	404	37	...	...
						27	,, ...	404	33	...	...
26	,, ...	404	90	...	30	28	,, ...	404	29	...	...
27	,, ...	404	92	1	25	29	,, ...	404	25	...	...
28	,, ...	405	06	1	82	30	,, ...	404	21	...	...
29	,, ...	405	18	1	80						
30	,, ...	405	14	...	...					...	...
						31	,, ...	404	17	...	...
	Carried over.	...	...	97	13		Carried over.	...	...	98	18

TABLE No. 1—*concld.*

Water Level and Rainfall at Tansa Lake.

Date 1898.		Height of Water.		Rainfall.		Date 1898.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	98	18		Brought ford.	...	...	98	68
1	November...	404	13	...	...	1	December ...	403	02	...	...
2	„ ...	404	09	...	...	2	„ ...	402	98	...	...
3	„ ...	404	05	...	...	3	„ ...	402	94	...	...
4	„ ...	404	01	...	...	4	„ ...	402	90	...	...
5	„ ...	403	97	...	...					...	...
6	„ ...	403	93	...	...						
				...	...	5	„ ...	402	86	...	...
						6	„ ...	402	82	...	...
						7	„ ...	402	78	...	...
7	„ ...	403	88	...	...	8	„ ...	402	74	...	...
8	„ ...	403	83	...	...	9	„ ...	402	70	...	...
9	„ ...	403	80	...	...	10	„ ...	402	66	...	...
10	„ ...	403	76	...	25	11	„ ...	402	62	...	...
11	„ ...	403	80	...	...						
12	„ ...	403	78	...	25					...	...
13	„ ...	403	76	...	...						
				...	50	12	„ ...	402	58	...	...
						13	„ ...	402	54	...	...
						14	„ ...	402	50	...	...
14	„ ...	403	74	...	...	15	„ ...	402	46	...	...
15	„ ...	403	70	...	...	16	„ ...	402	42	...	...
16	„ ...	403	66	...	...	17	„ ...	402	38	...	...
17	„ ...	403	62	...	...	18	„ ...	402	34	...	...
18	„ ...	403	58	...	...						
19	„ ...	403	54	...	...					...	...
20	„ ...	403	50	...	...						
				...	...	19	„ ...	402	30	...	...
						20	„ ...	402	26	...	...
						21	„ ...	402	22	...	...
21	„ ...	403	45	...	...	22	„ ...	402	18	...	...
22	„ ...	403	40	...	...	23	„ ...	402	14	...	...
23	„ ...	403	35	...	...	24	„ ...	402	10	...	...
24	„ ...	403	30	...	...	25	„ ...	402	05	...	...
25	„ ...	403	26	...	...						
26	„ ...	403	22	...	...					...	...
27	„ ...	403	18	...	...						
				...	...	26	„ ...	402	00	...	...
						27	„ ...	401	95	...	...
						28	„ ...	401	90	...	...
28	„ ...	403	14	...	...	29	„ ...	401	84	...	...
29	„ ...	403	10	...	...	30	„ ...	401	79	...	...
30	„ ...	403	06	...	...	31	„ ...	401	74	...	...
	Carried over.	...	...	98	68		Total rainfall for the year 1898.			98	68

TABLE No. 2.

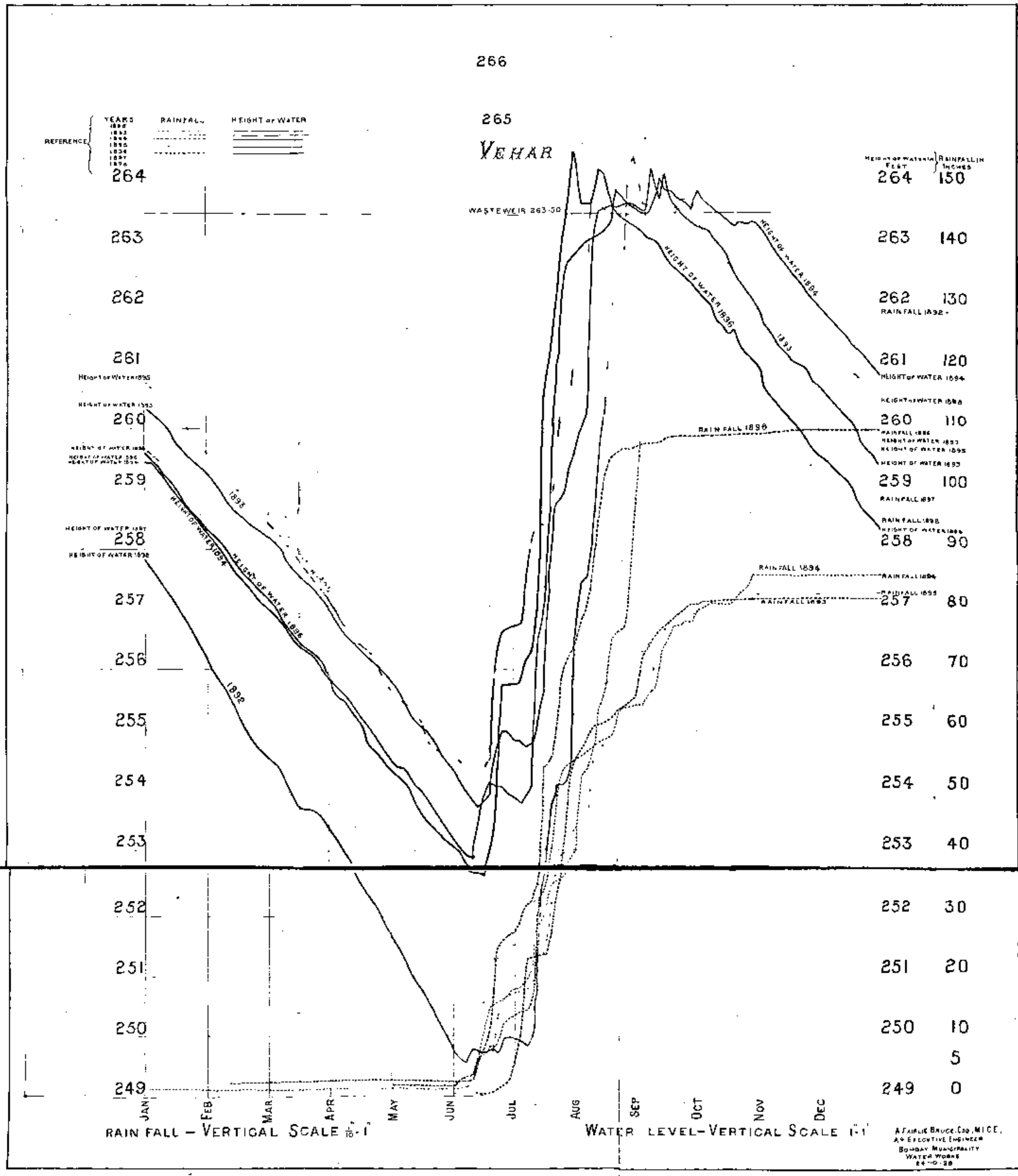
600. Water Level, Rainfall and Gauging of Leakage at Vehar Lake.

Date 1898.		Height of Water.		Rainfall.		No. 1 Dam Gauge, Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge, Inches, (No. 1)	No. 3 Dam Gauge, Inches, (No. 2)	Waste Weir Drain.					Waste Weir, Old Gauge in Inches.
										No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	
		Feet.	Cents.	Inches.	Cents.					Inches.	Inches.	Inches.	Inches.	Inches.	
1	January ...	259	75	...	...	3 1/2	2 3/4	1 3/4		1	1 1/8	2	1 1/8	3 5/8	4
2	„ ...	259	70	...	...	3 1/2	2 3/4	1 3/4		1	1 1/8	2	1 1/8	3 5/8	4
				...	...										
3	„ ...	259	70	...	...	3 1/2	2 3/4	1 3/4		1	1 1/8	2	1 1/8	3 1/2	4
4	„ ...	259	65	...	...	3 1/2	2 1/4	1 3/4		1	1 1/8	2	1 1/8	3 1/2	4
5	„ ...	259	60	...	...	3 1/2	2 1/4	1 3/4		1	1 1/8	2	1 1/8	3 1/2	4
6	„ ...	259	55	...	...	3 1/2	2 1/4	1 3/4		1	1 1/8	2	1 1/8	3 1/2	4
7	„ ...	259	50	...	...	3 1/2	2 1/4	1 3/4		1	1	2	1 1/8	3 1/2	3 15/16
8	„ ...	259	45	...	...	3 3/4	2	1 3/4		1	1	2	1 1/8	3 3/4	3 15/16
9	„ ...	259	40	...	...	3 3/4	2	1 3/4		1	1	2	1 1/8	3 3/4	3 15/16
				...	...										
10	„ ...	259	40	...	...	3 3/4	2	1 3/4		1	1	2	1	3 3/4	3 15/16
11	„ ...	259	35	...	...	3 3/4	2	1 3/4		7/8	1	1 7/8	1	3 3/4	3 15/16
12	„ ...	259	30	...	...	3 3/4	2	1 3/4		7/8	1	1 7/8	1	3 3/4	3 15/16
13	„ ...	259	25	...	...	3 3/4	2	1 3/4		7/8	1	1 7/8	1	3 3/4	3 15/16
14	„ ...	259	20	...	...	3 3/4	2	1 3/4		7/8	1	1 7/8	1	3 3/4	3 15/16
15	„ ...	259	15	...	...	3 3/4	2	1 3/4		7/8	1	1 7/8	1	3 3/4	3 15/16
16	„ ...	259	10	...	...	3 3/4	2	1 3/4		7/8	1	1 7/8	1	3 3/4	3 15/16
				...	...										
17	„ ...	259	05	...	...	3 1/4	2	1 3/4		7/8	1	1 7/8	1	3	3 1/4
18	„ ...	259	00	...	...	3 1/4	2	1 3/4		7/8	1	1 7/8	1	3	3 1/4
19	„ ...	258	95	...	...	3 1/4	2	1 3/4		7/8	1	1 7/8	1	3	3 1/4
20	„ ...	258	95	...	...	3 1/4	2	1 3/4		7/8	1	1 7/8	1	3	3 1/4
21	„ ...	258	90	...	...	3 1/4	2	1 3/4		7/8	1	1 7/8	1	3	3 1/4
22	„ ...	258	85	...	...	3 1/4	2	1 3/4	...	7/8	1	1 7/8	1	3	3 1/4
23	„ ...	258	80	...	...	3 1/4	2	1 3/4	...	7/8	1	1 7/8	1	3	3 1/4
				...	...										
24	„ ...	258	75	...	...	3 1/4	2	1 3/4	...	7/8	1	1 7/8	1	3	3 1/4
25	„ ...	258	75	...	...	3 1/4	2	1 3/4	...	7/8	1	1 7/8	1	3	3 1/4
26	„ ...	258	70	...	...	3 1/4	2	1 3/4	...	7/8	1	1 7/8	1	3	3 1/4
27	„ ...	258	70	...	...	3 1/4	2	1 3/4	...	7/8	1	1 7/8	1	3	3 1/4
28	„ ...	259	65	...	...	3 1/4	2	1 3/4	...	7/8	1	1 7/8	1	2 7/8	3 15/16
29	„ ...	258	60	...	...	3 1/4	1 3/4	1 3/4	...	7/8	1	1 7/8	1	2 7/8	3 15/16
30	„ ...	258	55	...	...	3 1/4	1 3/4	1 3/4	1 3/4	7/8	1	1 7/8	1	2 7/8	3 15/16
31	„ ...	258	50	...	...	3 1/4	1 3/4	1 3/4	1 3/4	7/8	1	1 7/8	1	2 7/8	3 15/16
	Carried over ...			...	...										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gauging of Leakage at Vehar Lake.

Date 1898.		Height of water. Feet.	Height of water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge, Inches.	No. 2 Dam Gauge, Inches.	No. 3 Dam Gauge, Inches. (No. 1)	No. 3 Dam Gauge, Inches. (No 2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Iguches.
	Brought forward...	...	...												
1	February ...	258	50	...	...	3 1/2	1 7/8	1 1/8	1 3/8	2	2	1 3/8	2	2 1/4	3 1/8
2	,, ...	258	45	...	...	3 1/8	1 5/8	1	1	2	2	1 3/8	2	2 1/4	3 1/8
3	,, ...	258	45	...	...	3	1 3/4	1	1	2	2	1 3/8	2	2 1/4	3 1/8
4	,, ...	258	40	..	...	3	1 7/8	1	1	2	2	1 3/8	2	2 1/4	3 1/8
5	,, ...	258	35	...	...	2 7/8	1 5/8	1	1	2	2	1 3/8	2	2 1/4	3 1/8
6	,, ...	258	35	...	...	2 7/8	1 7/8	1	1	2	2	1 3/8	2	2 1/4	3 1/8
				...	...										
7	,, ...	258	30	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	3
8	,, ...	258	25	...	...	2 3/4	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
9	,, ...	258	20	...	...	2 7/8	1 3/4	1	1	2	2	1 1/2	2	2 1/4	2 7/8
10	,, ...	258	20	1	03	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
11	,, ...	258	15	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
12	,, ...	258	15	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
13	,, ...	258	10	..	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
14	,, ...	258	05	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
				1	03										
15	,, ...	258	00	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
16	,, ...	257	95	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
17	,, ...	257	95	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
18	,, ...	257	90	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
19	,, ...	257	90	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
20	,, ...	257	85	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
				...	...										
21	,, ...	257	80	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
22	,, ...	257	75	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
23	,, ...	257	70	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
24	,, ..	257	65	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
25	,, ...	257	60	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
26	,, ...	257	55	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
27	,, ...	257	50	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
28	,, ...	257	50	...	...	2 7/8	1 7/8	1	1	2	2	1 1/2	2	2 1/4	2 7/8
	Carried over...			1	03										



266
265
VEHAR
REFERENCE
YEARS
RAINFALL
HEIGHT OF WATER
WASTEWEIR 263·50
HEIGHT OF WATER 1896
HEIGHT OF WATER 1894
1893
RAIN FALL 1896
RAIN FALL 1894
1892
HEIGHT OF WATER 1895
HEIGHT OF WATER 1893
HEIGHT OF WATER 1897
HEIGHT OF WATER 1898
HEIGHT OF WATER 1894
HEIGHT OF WATER 1896
HEIGHT OF WATER 1892
HEIGHT OF WATER 1894
HEIGHT OF WATER 1893
HEIGHT OF WATER 1895
HEIGHT OF WATER 1893
HEIGHT OF WATER 1897
HEIGHT OF WATER 1898
HEIGHT OF WATER 1894
RAINFALL 1892
RAINFALL 1896
RAINFALL 1897
RAINFALL 1898
RAINFALL 1894
RAINFALL 1895
RAINFALL 1893
264
263
262
261
260
259
258
257
256
255
254
253
252
251
250
249
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
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0
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
RAIN FALL – VERTICAL SCALE 1/10"-1"
WATER LEVEL – VERTICAL SCALE 1"-1'
A. FAIRLIE BRUCE, CSQ., M.I.C.E.,
A.M. EXECUTIVE ENGINEER
BOMBAY MUNICIPALITY
WATER WORKS
24-10-28

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1898.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (No. 1)	No. 3 Dam Gauge Inches. (No. 2)	Waste Weir Drain. No. 1 Inches.	No. 2. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
Brought forward...			1	03									
1 March ...	257	45	...	...	2⅝	1⅝	1	1	3	3	1	2⅛	2
„ ...	257	40	...	...	2⅝	1⅝	1	1	3	3	1	2⅛	2
„ ...	257	35	...	...	2⅝	1⅝	1	1	3	3	1	2⅛	2
„ ...	257	30	...	...	2⅝	1⅝	1	1	3	3	1	2⅛	2
„ ...	257	25	...	...	2⅝	1⅝	1	1	3	3	1	2	2
„ ...	257	20	...	...	2⅝	1⅝	1	1	3	3	1	2	2
„ ...	257	15	...	...	2⅝	1½	1	1	3	3	⅞	1⅞	2
			...	...									
8 „ ...	257	10	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
9 „ ...	257	05	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
10 „ ...	257	00	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
11 „ ...	257	00	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
12 „ ...	256	95	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
13 „ ...	256	90	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
14 „ ...	256	85	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
			...	...									
15 „ ...	256	80	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
16 „ ...	256	80	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
17 „ ...	256	75	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
18 „ ...	256	70	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
19 „ ...	256	65	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
20 „ ...	256	60	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
21 „ ...	256	60	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
			...	...									
22 „ ...	256	55	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
23 „ ...	256	50	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
24 „ ...	256	45	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
25 „ ...	256	40	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
26 „ ...	256	40	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
27 „ ...	256	35	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
28 „ ...	256	30	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
			...	...									
29 „ ...	256	25	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
30 „ ...	256	20	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
31 „ ...	256	15	...	...	2⅝	1⅝	1	1	3	3	⅞	1⅞	2
Carried over...			1	03									

TABLE No. 2—*contd*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1898.		Height of Water.		Rainfall.		No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (No. 1)	No. 3 Dam Gauge Inches. (No. 2)	Waste Weir Drain.					Waste Weir Old Gauge in Inches.
		Feet.	Cents.	Inches.	Cents.					No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	
	Brought forward...			1	03										
1	April ...	256	10	...	...	2	1								
2	" ...	256	05	...	...	2	1								
3	" ...	256	00	...	...	2	1								
4	" ...	255	95	...	...	2	1								
				...	...										
5	" ...	255	90	...	...	2	1								
6	" ...	255	85	...	...	2									
7	" ...	255	80	...	...	2									
8	" ...	255	75	...	...	2									
9	" ...	255	70	...	...	2									
10	" ...	255	65	...	...	2									
11	" ...	255	60	...	...	2									
				...	...										
12	" ...	255	55	...	...	2									
13	" ...	255	50	...	...	2									
14	" ...	255	45	...	...	2									
15	" ...	255	40	...	...	2									
16	" ...	255	35	...	...	2									
17	" ...	255	30	...	...	2									
18	" ...	255	25	...	...	2									
				...	...										
19	" ...	255	25	...	...	2									
20	" ...	255	20	...	...	2									
21	" ...	255	15	...	...	2									
22	" ...	255	10	...	...	2									
23	" ...	255	05	...	...	2									
24	" ...	255	00	...	...	2									
25	" ...	255	00	...	...	2									
				...	...										
26	" ...	254	95	...	...	2									
27	" ...	254	90	...	...	2									
28	" ...	254	85	...	...	2									
29	" ...	254	80	...	...	2									
30	" ...	254	75	...	...	2									
	Carried over...			1	03										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1898.		Height of water. Feet.	Height of water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches, (No. 1).	No. 3 Dam Gauge Inches, (No. 2).	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Old Waste Weir Gauge in Inches.
	Brought forward...			1	03										
1	May ...	254	70	...	...										
2	„ ...	254	65	...	...					0					
				...	...										
3	„ ...	254	60	...	...					0					
4	„ ...	254	55	...	...					0					
5	„ ...	254	50	...	...					0					
6	„ ...	254	45	...	...					0					
7	„ ...	254	40	...	...					0					
8	„ ...	254	35	...	...					0					
9	„ ...	254	30	...	...					0					
				...	...										
10	„ ...	254	25	...	...					0					
11	„ ...	254	25	...	...					0					
12	„ ...	254	20	...	...					0					
13	„ ...	254	15	...	...					0					
14	„ ...	254	10	...	...					0					
15	„ ...	254	05	...	...					0					
16	„ ...	254	00	...	...					0					
				...	...										
17	„ ...	253	95	...	...					0					
18	„ ...	253	90	...	...					0					
19	„ ...	253	80	...	...					0					
20	„ ...	253	80	...	...					0					
21	„ ...	253	75	...	...					0					
22	„ ...	253	70	...	...					0					
23	„ ...	253	65	...	...					0					
				...	...										
24	„ ...	253	60	...	...					0					
25	„ ...	253	55	...	...					0					
26	„ ...	253	50	...	...					0					
27	„ ...	253	45	...	...					0					
28	„ ...	253	40	...	...					0					
29	„ ...	253	35	...	...					0					
30	„ ...	253	30	...	...					0					
				...	...										
31	„ ...	253	25	...	..					0					
	Carried over...			1	03										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1898.		Height of Water.		Rainfall.		No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge (No. 1). Inches.	No. 3 Dam Gauge (No. 2). Inches.	Waste Weir Drain.					Waste Weir Old Gauge in Inches.
		Feet.	Cents.	Inches.	Cents.					No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	
	Brought forward...			1	03										
1	June ...	253	20	...	...	2⅛				...					
2	„ ...	253	15	...	...	2				...					
3	„ ...	253	05	...	04	2				...					
4	„ ...	253	00	...	...	2				...					
5	„ ...	252	95	...	...	2				...					
6	„ ...	252	90	...	...	...	...	...	...	...					...
				...	04										
7	„ ...	252	85	...	...	...	...	...	...	...					...
8	„ ...	252	80	1	50	...	...	...	...	...					...
9	„ ...	252	80	...	...	...	...	...	...	...					...
10	„ ...	252	80	1	78	...	...	...	...	...					...
11	„ ...	252	85	1	70	...	...	...	...	...					...
12	„ ...	252	95	1	50	...	...	...	...	...					...
				6	48										
13	„ ...	253	05	¼	42	...	...	...	...	...					...
14	„ ...	253	45	1	86	...	...	...	...	...					...
15	„ ...	253	70	3	05	...	...	...	...	...					...
16	„ ...	254	05	1	48	...	...	...	...	...					...
17	„ ...	254	25	2	51	...	1	...	2⅜	...					...
18	„ ...	254	65	1	14	...	1½	...	2⅜	...					...
19	„ ...	254	85	...	31	...	...	...	1¾	...					...
20	„ ...	254	85	...	...	...	...	...	...	...					...
				14	77										
21	„ ...	254	80	...	...	...	...	...	...	...					...
22	„ ...	254	80	...	...	...	...	...	...	...					...
23	„ ...	254	75	...	18	...	...	...	...	...					...
24	„ ...	254	75	...	09	...	...	...	...	...					...
25	„ ...	254	70	...	20	...	...	...	...	...					...
26	„ ...	254	70	1	85	...	...	...	...	...					...
				2	32										
27	„ ...	254	85	...	26	...	...	...	...	...					...
28	„ ...	254	85	...	47	...	...	...	...	...					...
29	„ ...	254	90	...	17	...	...	...	...	...					...
30	„ ...	254	90	...	24	...	...	...	...	...					...
	Carried over...			25	78										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1898.		Height of Water.		Rainfall.		No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge (No. 1) Inches.	No. 3 Dam Gauge (No. 2) Inches.	Waste Weir Drain.					Old Waste Weir Gauge in Inches.
										No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	
		Feet.	Cents.	Inches.	Cents.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	
	Brought forward...			25	78										
1	July ...	254	90	...	95	...	...	...	...					1¼	...
2	,, ...	254	95	...	92	...	...	...	3					1⅜	...
3	,, ...	255	00	...	23	...	...	...	2½					1½	...
				2	10										
4	,, ...	255	05	...	28	...	...	...	3					1⅝	...
5	,, ...	255	05	...	64	...	...	...	3					1¾	...
6	,, ...	255	05	2	24	3	...	...	4					1⅞	...
7	,, ...	255	40	...	56	4	...	...	8⅛					1⅞	...
8	,, ...	255	70	...	...	...	...	...	4¼					2¼	...
9	,, ...	255	70	...	33	...	...	...	7					2¼	...
10	,, ...	255	75	...	46	...	...	...	2½					2¼	...
				4	51										
11	,, ...	255	80	...	...	...	...	...	2					2¼	...
12	,, ...	255	80	2	40	...	...	...	1					2¼	...
13	,, ...	256	05	3	06	...	5	...	8					2⅜	...
14	,, ...	256	55	...	75	...	...	...	6	1				2⅜	...
15	,, ...	256	85	1	28	...	...	...	4	1				2⅜	...
16	,, ...	257	20	1	02	...	...	...	4	1				2¾	...
17	,, ...	257	35	...	33	...	...	...	3	1⅛				3	...
				8	84										
18	,, ...	257	40	...	41	...	...	...	4	1⅛				3	...
19	,, ...	257	55	...	35	...	...	...	4	1⅛				3	...
20	,, ...	257	65	3	04	...	...	...	5	1⅛	1	1⅛		3¼	...
21	,, ...	257	90	5	79	...	7	1	...	1⅛	1⅛	1		3¼	...
22	,, ...	258	25	6	23	1	6	2	6	1⅛	1⅛	1		3¼	...
23	,, ...	261	20	1	25	...	6	...	...	1⅛	1¼	1¼	1¼	4	...
24	,, ...	261	55	...	48	...	2	...	6	2⅛	2	¼	2½	7¼	...
				17	55										
25	,, ...	261	80	...	15	...	...	...	4	2⅜	2¼	4⅛	2½	7⅛	...
26	,, ...	261	90	...	85	...	...	...	3	2⅜	2¼	4⅛	2½	7⅛	...
27	,, ...	262	05	1	...	...	1	...	5	2⅜	2¼	4⅛	2½	7⅛	...
28	,, ...	262	25	...	36	...	...	...	4	2⅜	2¼	4⅛	3	8⅛	...
29	,, ...	262	35	...	47	...	...	...	4	2⅜	2⅜	5	3⅛	8⅜	...
30	,, ...	262	50	...	81	...	...	...	3	2⅜	2⅜	5	3⅛	8⅜	...
31	,, ...	262	70	...	35	...	...	...	4	2¾	2¾	5¾	3¾	9¾	...
				3	99										
	Carried over ...			62	77										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1893.		Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (No. 1.)	No. 3 Dam Gauge Inches. (No. 2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Old Waste Weir Gauge in Inches.
	Brought forward ...			62	77										
1	August ...	262	85	...	14	...	...	...	3	3½	2⅞	6	3⅛	...	...
2	„ ...	262	95	...	66	...	...	...	3	3⅛	2¾	6	3⅜	...	...
3	„ ...	263	00	...	27	...	...	...	3	3⅜	3⅛	6⅛	3⅜	...	...
4	„ ...	263	10	...	23	...	...	...	3	3⅜	3⅜	6⅛	3⅜	...	...
5	„ ...	263	15	...	08	...	...	...	3	3⅜	3⅜	7	3⅜	...	...
6	„ ...	263	15	...	06	...	...	...	2	3½	4	6⅛	4	...	...
7	„ ...	263	10	...	29	...	...	...	2	3½	4	6⅛	4	...	...
				1	73										
8	„ ...	263	15	...	56	...	...	...	2	3½	4	6⅛	4	...	...
9	„ ...	263	30	...	37	...	...	...	3	3⅝	4¼	7⅛	4	...	...
10	„ ...	263	35	...	36	...	...	...	3	4	4⅜	7⅛	4	...	...
11	„ ...	263	35	...	34	...	...	...	3	4	4⅜	7⅛	4	...	...
12	„ ...	263	40	...	36	...	...	...	3	4	4⅜	7⅛	4	...	...
13	„ ...	263	40	...	08	...	...	...	2½	4	4½	8	4	...	...
14	„ ...	263	40	...	24	...	...	...	2½	4	4½	8	4	...	...
				2	31										
15	„ ...	263	40	...	33	...	...	...	2¼	4	4⅛	8	4⅛	...	...
16	„ ...	263	40	...	25	...	...	...	2¼	4⅛	4⅛	8	4⅛	...	...
17	„ ...	263	40	...	41	...	...	...	2	4⅛	4⅛	8	4⅛	...	...
18	„ ...	263	40	...	26	...	...	...	2	4⅛	4⅛	8	4⅛	...	...
19	„ ...	263	40	...	19	...	...	...	2	3¾	3⅜	7	3⅜	...	...
20	„ ...	263	40	...	26	...	...	...	2	3½	3⅜	6¼	3½	...	...
21	„ ...	263	40	...	45	...	...	...	1½	3⅜	5	6¼	3⅜	...	...
				2	15										
22	„ ...	263	45	1	09	...	...	...	2	3½	3⅝	6¼	3½	...	...
23	„ ...	263	50	...	84	...	...	...	2	3½	3⅝	6¼	3½	...	...
24	„ ...	263	60	...	49	...	...	...	2	...	...	...	...	...	...
25	„ ...	263	70	...	12	...	...	...	2	...	...	...	...	...	...
26	„ ...	263	80	...	...	...	...	...	2	...	...	...	...	...	...
27	„ ...	263	75	...	34	...	...	...	2	...	...	...	...	...	...
28	„ ...	263	80	...	40	...	...	...	2	...	...	...	...	...	...
				3	28										
29	„ ...	263	75	...	25	...	...	...	2¼	...	...	8	3¼	...	...
30	„ ...	263	70	...	07	...	...	...	2	...	...	8	3¾	...	...
31	„ ...	263	65	...	07	...	...	...	2	3¾	3¾	6¾	6¾	...	...
	Carried over...			72	63										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1898.	Height of Water.		Rainfall.		No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (No. 1).	No. 3 Dam Gauge Inches. (No. 2).	Waste Weir Drain.					Old Waste Weir Gauge in Inches.
									No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	
	Feet.	Cents.	Inches.	Cents.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	
Brought forward...			72	63										
1 September...	263	65	...	11	...	...	...	2	3⅜	3¼	6¾	3⅜	...	...
2 „ ...	263	65	...	23	...	...	...	2	3⅜	3¼	6⅝	3⅜	...	...
3 „ ...	263	65	...	1	...	...	...	1⅛	3⅜	3⅛	6⅝	3⅜	...	...
4 „ ...	263	65	...	...	...	...	...	1⅛	3½	3	6⅝	3¾	...	...
			...	35										
5 „ ...	263	60	...	11	...	...	...	1⅛	3½	3	6½	3⅝	...	...
6 „ ...	263	60	...	15	...	...	...	1⅛	3⅝	3	6⅝	3⅝	...	...
7 „ ...	263	60	...	02	...	...	...	1	3½	3	6⅝	3⅝	...	...
8 „ ...	263	60	4	07	...	...	...	1	3½	3	6⅝	3⅝	...	...
9 „ ...	263	95	2	20	...	10	...	12	4½	3⅝	7	4	...	...
10 „ ...	264	15	6	13	...	2	...	12	4	3⅝	7	4	...	...
11 „ ...	265	40	3	84	...	24	...	30	...	...	...	...	...	...
			16	52										
12 „ ...	265	40	2	20	...	7	...	18	...	...	...	...	...	...
13 „ ...	265	10	...	73	...	2	...	4	...	...	...	...	...	...
14 „ ...	265	00	...	23	...	1	...	3½	...	...	...	...	...	...
15 „ ...	264	85	...	55	...	...	...	2½	...	...	...	...	...	...
16 „ ...	264	85	...	33	...	½	...	4	...	...	...	...	...	...
17 „ ...	264	95	...	53	...	...	...	2	...	...	...	...	...	...
18 „ ...	264	90	...	01	...	...	...	1½	...	...	...	...	...	...
			4	58										
19 „ ...	264	80	...	...	...	...	...	½	...	...	...	...	...	...
20 „ ...	264	75	...	...	...	...	...	½	...	...	...	...	...	...
21 „ ...	264	70	...	...	...	...	...	½	...	...	...	...	...	...
22 „ ...	264	70	...	...	...	...	...	...	...	...	...	...	...	...
23 „ ...	264	65	...	...	...	...	...	...	...	...	...	...	...	...
24 „ ...	264	60	...	...	...	...	...	...	...	...	...	...	...	...
25 „ ...	264	60	...	...	...	...	...	...	...	...	...	...	...	...
			...	...										
26 „ ...	264	60	...	...	...	...	...	...	...	...	...	...	...	...
27 „ ...	264	60	...	43	...	...	...	...	...	...	...	...	...	...
28 „ ...	264	60	...	...	...	...	...	...	...	...	...	...	...	...
29 „ ...	264	55	...	...	...	...	...	...	...	...	...	...	...	...
30 „ ...	264	50	...	...	...	...	...	...	...	...	...	...	...	...
			...	43										
Carried over ...			94	51										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1898.		Height of Water.		Rainfall.		No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (No. 1).	No. 3 Dam Gauge Inches. (No. 2).	Waste Weir Drain.					Waste Weir Old Gauge in Inches.
										No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	
		Feet.	Cents.	Inches.	Cents.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	
	Brought forward...			94	51										
1	October ...	264	45	...	...	...	...	...	...	4 1/4	4 1/16	...	3 3/8	...	...
2	„ ...	264	40	...	...	...	...	...	...	3 1/4	2 2/16	6 3/4	3 3/4	...	...
				...	...										
3	„ ...	264	40	...	...	...	...	...	...	3 3/4	2 3/4	6 3/8	3 3/8	...	...
4	„ ...	264	35	...	...	...	...	...	...	3 3/8	2 3/4	6 3/4	3 3/8	...	...
5	„ ...	264	30	...	...	...	...	...	...	3 1/4	2 2/4	6 3/4	3 3/4	...	...
6	„ ...	264	25	...	...	...	...	...	...	3 3/8	2 2/8	6 3/4	3 3/8	...	...
7	„ ...	264	20	...	...	...	...	...	...	3 3/8	2 2/8	6 3/4	3 3/8	...	...
8	„ ...	264	15	...	...	...	...	...	...	3 3/8	2 2/8	6 3/4	3 3/8	...	...
9	„ ...	264	10	...	...	...	...	...	...	3 3/8	2 2/8	6 3/4	3 3/8	...	...
				...	...										
10	„ ...	264	05	...	...	...	...	...	...	3 3/8	2 2/8	6 3/4	3 3/8	...	...
11	„ ...	263	95	...	...	...	...	...	...	3 3/8	2 2/8	6 3/8	3 3/8	...	...
12	„ ...	263	90	...	...	...	...	...	...	3 3/8	2 2/8	6 3/8	3 3/8	...	...
13	„ ...	263	85	...	...	...	...	...	...	3 3/8	2 2/8	6 3/8	3 3/8	...	...
14	„ ...	263	80	...	...	...	...	...	...	3 3/8	2 2/8	6 3/8	3 3/8	...	...
15	„ ...	263	75	...	...	...	...	...	...	3 3/8	2 2/8	6 3/4	3 3/4	...	...
16	„ ...	263	70	...	...	...	...	...	...	3 3/8	2 2/8	6 3/4	3 3/8	...	...
				...	...										
17	„ ...	263	65	...	...	...	...	...	...	3 3/4	2 3/8	6 3/4	3 3/8	...	...
18	„ ...	263	60	...	...	...	...	...	...	3 3/8	2 3/8	6 3/8	3 3/8	...	...
19	„ ...	263	60	...	...	...	...	...	...	3 3/8	2 3/8	6 3/4	3 3/8	...	...
20	„ ...	263	55	...	...	...	...	...	...	3 3/8	2 3/8	6 3/8	3 3/4	...	...
21	„ ...	263	50	...	...	...	...	...	...	3 1/4	2 1/4	6	3 1/4	...	...
22	„ ...	263	45	...	...	...	...	...	...	3 3/8	2 2/4	5 7/8	3 1/4	...	...
23	„ ...	263	40	...	...	...	...	...	...	3	2	5 1/2	3 1/4	...	...
				...	...										
24	„ ...	263	35	...	...	...	...	...	...	3	2	5 1/2	3 1/4	...	...
25	„ ...	263	30	...	...	...	...	...	...	3	2	5 3/8	3 1/4	...	...
26	„ ...	263	25	...	...	...	...	...	...	3	2	5	3 1/4	...	...
27	„ ...	263	20	...	...	...	...	...	...	3	2	5	3 3/8	...	...
28	„ ...	263	15	...	...	...	...	...	...	3	2	5 3/8	3 1/4	...	...
29	„ ...	263	10	...	...	...	...	...	...	3	1 7/8	5 1/4	3 1/4	...	...
30	„ ...	263	05	...	...	...	...	...	...	3	1 7/8	5 1/4	3 3/8	...	...
31	„ ...	263	00	...	...	...	...	...	...	3	1 7/8	5 1/8	3 1/8	...	...
	Carried over...			94	51										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1898.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (No 1).	No. 3 Dam Gauge Inches. (No 2).	Waste Weir Drain. No. 1. Inches.	No. 2 Inches.	No. 3. Inches.	No. 4. Inches.	No. 5 Inches.	Waste Weir Old Gauge in Inches
Brought forward...			94	51										
1 November ...	262	95	...	...	5 1/4	...	...	...	3	1 7/8	5 1/8	3 1/8	...	...
2 " ...	262	90	...	...	5 1/4	3 1/4	3 1/4	...	3	1 7/8	5	3	...	...
3 " ...	262	85	...	...	5 1/4	3 1/4	3 1/4	...	3	1 7/8	5	3	...	...
4 " ...	262	80	...	...	5 1/4	3 1/4	3 1/4	...	3	1 7/8	5	3	...	...
5 " ...	262	75	...	...	5 1/4	3 1/4	3 1/4	...	2 3/4	1 7/8	4 3/4	3	...	...
6 " ...	262	70	...	...	5 1/4	3 1/4	3 1/4	...	2 3/4	1 7/8	4 3/4	3	...	...
7 " ...	262	65	...	...	5 1/8	3 1/8	3 1/8	...	2 3/4	1 7/8	4 3/4	2 7/8	7 7/8	9 1/4
			...	...										
8 " ...	262	60	...	...	5 1/8	3 1/4	3 1/4	3 1/4	2 3/4	1 7/8	4 3/4	2 7/8	7 7/8	9 1/8
9 " ...	262	55	...	...	5 1/8	3 1/4	3 1/4	3 1/4	2 3/4	1 7/8	4 3/4	2 3/4	7 7/8	9
10 " ...	262	50	...	...	5 1/8	3 1/4	3 1/4	3 1/4	2 3/4	1 7/8	4 3/4	2 3/4	7 7/8	9
11 " ...	262	45	...	...	5	3 1/4	3 1/4	3	2 3/4	1 7/8	4 3/4	2 3/4	7 7/8	8 3/4
12 " ...	262	40	...	...	5	3 1/8	3 1/8	3	2 3/4	1 7/8	4 3/4	2 3/4	7 7/8	8 5/8
13 " ...	262	35	...	...	5	3 1/8	3 1/8	3	2 3/4	1 7/8	4 3/4	2 3/4	7 7/8	8 5/8
14 " ...	262	30	...	...	5	3 1/4	3 1/8	3	2 3/4	1 7/8	4 3/4	2 3/4	7 7/8	8 1/2
			...	...										
15 " ...	262	20	...	...	5	3 1/4	3 1/4	3	2 3/4	1 7/8	4 3/4	2 3/4	7 7/8	8 1/2
16 " ...	262	20	...	...	5	3 1/4	3 1/8	3	2 3/4	1 7/8	4 3/4	2 3/4	7 7/8	8 3/8
17 " ...	262	15	...	...	5	3 1/4	3 1/4	3	2 3/4	1 7/8	4 3/4	2 3/4	7 7/8	8 3/8
18 " ...	262	10	...	...	5	3 1/4	3	3	2 3/4	1 7/8	4 3/4	2 3/4	7 7/8	8 1/4
19 " ...	262	05	...	...	5	3 1/4	3	3	2 3/4	1 7/8	4 3/4	2 3/4	7 7/8	8 1/4
20 " ...	262	00	...	...	5	3 1/4	3	3	2 3/4	1 7/8	4 3/4	2 3/4	7 7/8	8 1/4
21 " ...	261	95	...	...	5	3 1/2	3	3	2 3/4	1 7/8	4 3/4	2 3/4	7	7 7/8
			...	...										
22 " ...	261	90	...	...	5	3 1/4	3	3	2 3/8	1 3/4	4 1/4	2 1/2	6 7/8	7 3/4
23 " ...	261	85	...	...	5	3 1/4	3	3	2 3/8	1 3/4	3 7/8	2 1/4	6 3/4	7 7/8
24 " ...	261	85	...	...	4 7/8	3 1/4	3	3	2 1/4	1 3/4	3 7/8	2 1/4	6 3/4	7 7/8
25 " ...	261	80	...	...	4 7/8	3 1/8	3	3	2 1/4	1 3/4	3 7/8	2 1/4	6 3/4	7 7/8
26 " ...	261	80	...	...	4 7/8	3 1/8	3	3	2 1/4	1 3/4	3 7/8	2 1/4	6 3/4	7 3/4
27 " ...	261	75	...	...	4 7/8	3 1/8	3	3	2 1/4	1 3/4	3 3/4	2 1/4	6 3/4	7 7/8
28 " ...	261	70	...	...	4 7/8	3	3	3	2 3/8	1 3/4	3 3/4	2 3/8	6 3/4	7 7/8
29 " ...	261	65	...	...	4 7/8	3	3	3	2	1 3/8	3 3/8	2	6 3/8	6 7/8
30 " ...	261	60	...	...	4 7/8	3	3	3	1 7/8	1 3/8	3 3/8	2	5 7/8	6 3/8
Carried over ...			94	51										

TABLE No. 2—*concld.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1898.	Height of Water.		Rainfall.		No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge (No. 1). Inches.	No. 3 Dam Gauge (No. 2). Inches.	Waste Weir Drain.					Waste Weir Old Gauge in Inches.
									No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	
Brought forward...	Feet.	Cnts.	Inches.	Cnts.										
			94	51										
1 December ...	261	55	...	...	4 7/8	3	3	3	1 1/8	1 1/8	3 1/8	2	5 3/8	6 1/8
2 „ ...	261	50	...	...	4 3/4	3	3	3	1 1/8	1 1/8	3 1/8	2	5 1/4	6 1/8
3 „ ...	261	45	...	...	4 3/4	3	3	3	1 1/4	1 1/8	3 1/4	1 7/8	5 1/4	6 1/4
4 „ ...	261	40	...	...	4 3/4	3	3	3	1 1/4	1 1/8	3 1/4	1 7/8	5 1/8	6
5 „ ...	261	40	...	...	4 3/4	2 7/8	3	3	1 1/4	1 1/8	3 1/4	1 3/4	5 1/8	5 3/4
			...	...										
6 „ ...	261	35	...	...	4 3/4	2 7/8	3	3	1 1/8	1 1/4	3 1/4	1 3/4	5 1/8	5 3/4
7 „ ...	261	30	...	...	4 3/4	2 7/8	3	3	1 1/8	1 1/4	3 1/8	1 7/8	5 1/4	5 7/8
8 „ ...	261	25	...	...	4 3/4	2 7/8	3	3	1 1/4	1 1/4	3	1 7/8	5 1/8	5 7/8
9 „ ...	261	25	...	...	4 3/4	2 3/4	3	3	1 1/8	1 1/4	2 1/8	1 7/8	5	5 3/4
10 „ ...	261	20	...	...	4 3/4	2 3/4	3	3	1 1/8	1 1/4	2 1/8	1 7/8	4 7/8	5 1/4
11 „ ...	261	15	...	...	4 5/8	2 3/4	2 3/4	2 3/4	1 1/8	1 1/4	2 1/8	1 7/8	4 7/8	5 1/4
12 „ ...	261	10	...	...	4 1/2	2 3/4	2 3/4	2 3/4	1 1/2	1 1/2	2 1/4	1 7/8	4 7/8	5
			...	...										
13 „ ...	261	07	...	...	4 1/2	2 3/4	2 3/4	2 3/4	1 1/2	1 1/2	2 1/4	1 1/2	4 7/8	4 7/8
14 „ ...	261	05	...	...	4 1/2	2 3/4	2 3/4	2 3/4	1 1/2	1 1/2	2 1/4	1 1/2	4 7/8	4 7/8
15 „ ...	261	00	...	...	4 1/2	2 3/4	2 3/4	2 3/4	1 1/8	1 1/8	2 1/8	1 1/2	4 3/4	4 7/8
16 „ ...	260	95	...	...	4 1/2	2 3/4	2 3/4	2 3/4	1 1/8	1 1/8	2 1/8	1 1/2	4 3/4	4 7/8
17 „ ...	260	90	...	...	4 1/2	2 3/4	2 3/4	2 3/4	1 1/8	1 1/8	2 1/8	1 1/2	4 3/4	4 7/8
18 „ ...	260	87	...	...	4 1/2	2 3/4	2 3/4	2 3/4	1 1/8	1 1/8	2 1/8	1 1/2	4 3/4	4 7/8
19 „ ...	260	82	...	...	4 1/2	2 3/4	2 3/4	2 3/4	1 1/8	1 1/8	2 1/8	1 1/2	4 3/4	4 7/8
			...	...										
20 „ ...	260	78	...	...	4 1/2	2 3/4	2 3/4	2 3/4	1 1/8	1 1/8	2 1/8	1 1/2	4 3/4	4 7/8
21 „ ...	260	73	...	...	4 1/2	2 3/4	2 3/4	2 3/4	1 1/8	1 1/8	2 1/8	1 1/2	4 3/4	4 7/8
22 „ ...	260	68	...	...	4 3/8	2 3/4	2 3/4	2 3/4	1 1/4	1 1/4	2 1/8	1 1/2	4 3/4	4 7/8
23 „ ...	260	64	...	...	4 3/8	2 3/4	2 3/4	2 3/4	1 1/4	1 1/4	2 1/8	1 1/2	4 3/4	4 7/8
24 „ ...	260	60	...	...	4 3/8	2 3/4	2 3/4	2 3/4	1 1/4	1 1/4	2 1/8	1 1/2	4 3/4	4 7/8
25 „ ...	260	55	...	...	4 3/8	2 3/4	2 3/4	2 3/4	1 1/4	1 1/4	2 1/8	1 1/2	4 3/4	4 7/8
26 „ ...	260	50	...	...	4 3/8	2 3/4	2 3/4	2 3/4	1 1/4	1 1/4	2 1/8	1 1/2	4 3/4	4 7/8
			...	...										
27 „ ...	260	45	...	...	4 1/4	2 3/4	2 1/2	2 1/2	1 1/4	1 1/4	2 1/4	1 3/8	4	4
28 „ ...	260	40	...	...	4 1/4	2 3/4	2 1/2	2 1/2	1 1/4	1 1/4	2 1/4	1 1/4	4	4
29 „ ...	260	35	...	...	4 1/8	2 3/4	2 1/2	2 1/2	1 1/8	1 1/4	2 1/4	1 1/4	4	4
30 „ ...	260	30	...	...	4 1/8	2 3/4	2 1/2	2 1/2	1 1/8	1 1/4	2 1/4	1 1/4	3 7/8	4
31 „ ...	260	25	...	...	4 1/8	2 3/4	2 1/2	2 1/2	1 1/8	1 1/4	2 1/4	1 1/4	3 7/8	3 7/8
			...	...										
Total Rainfall for the year 1898.			94	51										

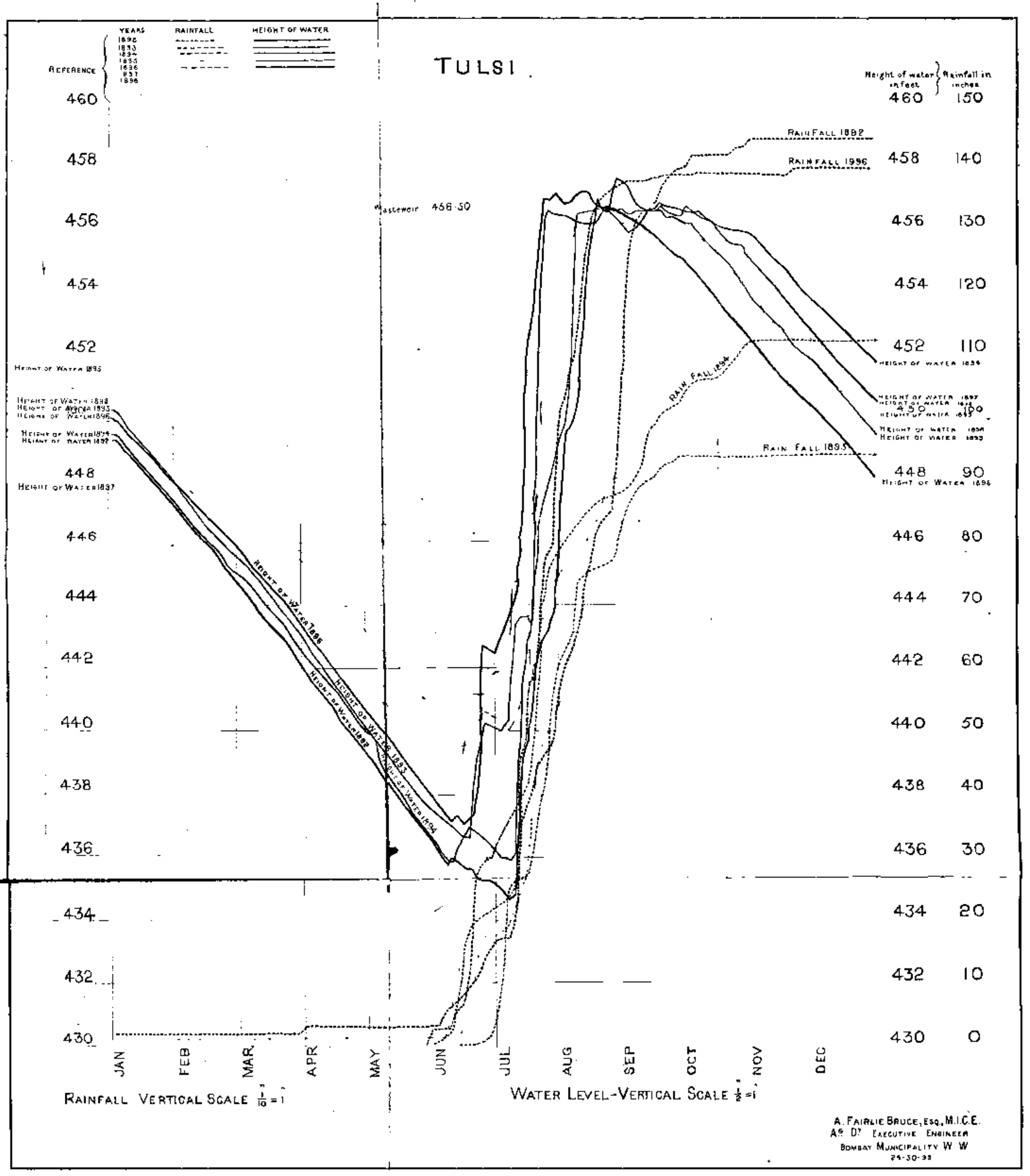
TULSI
YEARS
RAINFALL
HEIGHT OF WATER
REFERENCE
1895
1893
1894
1895
1896
1897
1898
Height of water in feet
Rainfall in inches
460
458
456
454
452
448
446
444
442
440
438
436
434
432
430
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Masonwier 456·50
RAIN FALL 1892
RAIN FALL 1896
RAIN FALL 1894
RAIN FALL 1895
HEIGHT OF WATER 1895
HEIGHT OF WATER 1898
HEIGHT OF WATER 1893
HEIGHT OF WATER 1894
HEIGHT OF WATER 1892
HEIGHT OF WATER 1897
HEIGHT OF WATER 1896
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
RAINFALL VERTICAL SCALE 1" = 1"
WATER LEVEL-VERTICAL SCALE 1" = 1'
A. FAIRLIE BRUCE, Esq., M.I.C.E.
Asst Dy EXECUTIVE ENGINEER
BOMBAY MUNICIPALITY W W
24-30-98

TABLE No. 3.

301. Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1898.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
1 Jan....	450	40	...	...	2 3/8	1/2	2 1/2
2 „ ...	450	35	...	...	2 1/4	1/2	2 1/2
			...	...			
3 „ ...	450	25	...	...	2 1/4	1/2	2 1/2
4 „ ...	450	20	...	...	2 1/4	1/2	2 1/2
5 „ ...	450	10	...	...	2 1/4	1/2	2 1/2
6 „ ...	450	05	...	...	2 1/4	1/2	2 1/2
7 „ ...	450	00	...	...	2 1/4	1/2	2 1/2
8 „ ...	449	90	...	...	2 1/4	1/2	2 1/2
9 „ ...	449	85	...	...	2 1/4	1/2	2 1/2
			...	...			
10 „ ...	449	80	...	...	2 1/4	1/2	2 1/2
11 „ ...	449	70	...	...	2 1/4	1/2	2 1/2
12 „ ...	449	65	...	...	2 1/4	1/2	2 1/2
13 „ ...	449	55	...	...	2 1/4	1/2	2 1/2
14 „ ...	449	50	...	...	2 1/4	1/2	2 1/2
15 „ ...	449	40	...	...	2 1/4	1/2	2 1/2
16 „ ...	449	35	...	...	2 1/4		2 1/4
			...	...			
17 „ ...	449	25	...	...	2 1/4	1/2	2 1/4
18 „ ...	449	20	...	...	2 1/4	1/2	2 1/4
19 „ ...	449	10	...	...	2 1/4	1/2	2 1/4
20 „ ...	449	05	...	...	2 1/4	1/2	2 1/4
21 „ ...	448	95	...	...	2 1/4	1/2	2 1/4
22 „ ...	448	90	...	...	2 1/4	1/2	2 1/4
23 „ ...	448	80	...	...	2 1/4	1/2	2 1/2
			...	...			
24 „ ...	448	75	...	...	2 1/4	1/2	2 1/4
25 „ ...	448	70	...	...	2 1/4	1/2	2 1/4
26 „ ...	448	60	...	...	2 1/4	1/2	2 1/4
27 „ ...	448	55	...	...	2 1/4	1/2	2 1/4
28 „ ...	448	50	...	...	2 1/4	1/2	2 1/4
29 „ ...	448	40	...	...	2 1/4	1/2	2 1/4
30 „ ...	448	35	...	...	2 1/4	1/2	2 1/4
			...	...			
31 „ ...	448	25	...	...	2 1/4	1/4	2 1/2
Carried over ...			...	...	...	...	...

Date 1898.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			...	...	...	...	...
1 Feb....	448	20	...	...	2 1/4	1/4	2 1/8
2 „ ...	448	10	...	...	2 1/4	1/4	2 1/8
3 „ ...	448	05	...	...	2 1/4	1/4	2 1/8
4 „ ...	447	95	...	...	2 1/4	1/4	2 1/8
5 „ ...	447	90	...	...	2 1/8	1/8	2
6 „ ...	447	85	...	...	2 1/8	1/8	2
			...	...			
7 „ ...	447	80	...	...	2 1/8	...	2
8 „ ...	447	70	...	...	2 1/8	...	2
9 „ ...	447	65	...	...	2 1/8	...	2
10 „ ...	447	60	1	18	2 1/8	...	2
11 „ ...	447	55	...	...	2 1/8	...	2
12 „ ...	447	50	...	...	2 1/8	...	2
13 „ ...	447	40	...	...	2 1/8	...	2
			1	18			
14 „ ...	447	35	...	...	2 1/8	...	2
15 „ ...	447	25	...	...	2 1/8	...	2
16 „ ...	447	20	...	...	2 1/8	...	2
17 „ ...	447	10	...	...	2 1/8	...	2
18 „ ...	447	05	...	...	2 1/8	...	2
19 „ ...	447	00	...	...	2 1/8	...	1 7/8
20 „ ...	446	90	...	...	2 1/8	...	1 7/8
			...	...			
21 „ ...	446	85	...	...	2 1/8	...	1 7/8
22 „ ...	446	75	...	...	2 1/8	...	1 7/8
23 „ ...	446	70	...	...	2 1/8	...	1 7/8
24 „ ...	446	60	...	...	2 1/8	...	1 7/8
25 „ ...	446	55	...	...	2 1/8	...	1 7/8
26 „ ...	446	45	...	...	2 1/8	...	1 7/8
27 „ ...	446	40	...	...	2	...	1 7/8
			...	...			
28 „ ...	446	30	...	...	2	...	1 7/8
Carried over ...			1	18	...	...	...

TABLE No. 8—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1898.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward.			1	18	...	...	...
1 March	446	25	...	...	2	...	1 12/16
2 „ ...	446	15	...	...	2	...	1 12/16
3 „ ...	446	10	...	...	2	...	1 12/16
4 „ ...	446	05	...	...	2	...	1 12/16
5 „ ...	445	95	...	...	2	...	1 12/16
6 „ ...	445	85	...	...	2	...	1 12/16
			...	...			
7 „ ...	445	75	...	...	2	...	1 12/16
8 „ ...	445	70	...	...	2	...	1 12/16
9 „ ...	445	60	...	...	2	...	1 12/16
10 „ ...	445	50	...	...	2	...	1 12/16
11 „ ...	445	45	...	...	2	...	1 12/16
12 „ ...	445	35	...	...	2	...	1 12/16
13 „ ...	445	30	...	...	2	...	1 12/16
			...	...			
14 „ ...	445	20	...	...	2	...	1 12/16
15 „ ...	445	10	...	...	2	...	1 12/16
16 „ ...	445	05	...	...	2	...	1 12/16
17 „ ...	445	00	...	...	2	...	1 12/16
18 „ ...	444	95	...	...	2	...	1 12/16
19 „ ...	444	90	...	...	2	...	1 12/16
20 „ ...	444	80	...	...	2	...	1 12/16
			...	...			
21 „ ...	444	70	...	...	2	...	1 12/16
22 „ ...	444	60	...	...	2	...	1 12/16
23 „ ...	444	50	...	...	2	...	1 12/16
24 „ ...	444	45	...	...	2	...	1 12/16
25 „ ...	444	35	...	...	2	...	1 12/16
26 „ ...	444	25	...	...	2	...	1 12/16
27 „ ...	444	20	...	...	2	...	1 12/16
			...	...			
28 „ ...	444	10	...	...	2	...	1 12/16
29 „ ...	444	05	...	...	2	...	1 12/16
30 „ ...	444	00	...	...	2	...	1 12/16
31 „ ...	443	90	...	...	2	...	1 12/16
Carried over ...			1	18	...	...	...

Date 1898.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge Inches.
Brought forward			1	18	...	...	...
1 April	443	85	...	...	2	...	1 12/16
2 „ ...	443	75	...	...	2	...	1 12/16
3 „ ...	443	70	...	...	2	...	1 12/16
			...	...			
4 „ ...	443	60	...	...	2	...	1 12/16
5 „ ...	443	50	...	...	2	...	1 12/16
6 „ ...	443	40	...	...	2	...	1 12/16
7 „ ...	443	30	...	...	2	...	1 12/16
8 „ ...	443	20	...	...	2	...	1 12/16
9 „ ...	443	10	...	...	2	...	1 12/16
10 „ ...	443	00	...	...	2	...	1 12/16
			...	...			
11 „ ...	442	95	...	...	2	...	1 12/16
12 „ ...	442	90	...	...	2	...	1 12/16
13 „ ...	442	80	...	...	2	...	1 12/16
14 „ ...	442	75	...	...	2	...	1 12/16
15 „ ...	442	65	...	...	2	...	1 12/16
16 „ ...	442	60	...	...	2	...	1 12/16
17 „ ...	442	50	...	...	2	...	1 12/16
			...	...			
18 „ ...	442	45	...	...	2	...	1 12/16
19 „ ...	442	35	...	...	2	...	1 12/16
20 „ ...	442	30	...	...	2	...	1 12/16
21 „ ...	442	20	...	...	2	...	1 12/16
22 „ ...	442	10	...	...	2	...	1 12/16
23 „ ...	442	05	...	...	2	...	1 12/16
24 „ ...	441	95	...	...	2	...	1 12/16
			...	...			
25 „ ...	441	90	...	...	2	...	1 12/16
26 „ ...	441	80	...	...	2	...	1 12/16
27 „ ...	441	75	...	...	2	...	1 12/16
28 „ ...	441	65	...	...	2	...	1 12/16
29 „ ...	441	55	...	...	2	...	1 12/16
30 „ ...	441	50	...	...	2	...	1 12/16
Carried over ...			1	18	...	...	...

TABLE No. 3—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1898.	Height of water. Feet.	Height of water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			1	18	...	...	...
1 May.	441	40	...	...	2	...	1⅜
			...	...			
2 „ ...	441	30	...	...	2	...	1⅜
3 „ ...	441	25	...	...	2	...	1⅜
4 „ ...	441	15	...	...	2	...	1⅜
5 „ ...	441	10	...	...	2	...	1⅜
6 „ ...	441	00	...	...	2	...	1⅜
7 „ ...	440	95	...	...	2	...	1⅜
8 „ ...	440	85	...	...	2	...	1⅜
			...	...			
9 „ ...	440	75	...	...	2	...	1⅜
10 „ ...	440	70	...	...	2	...	1⅜
11 „ ...	440	60	...	...	2	...	1¼
12 „ ...	440	50	...	...	2	...	1¼
13 „ ...	440	40	...	...	2	...	1¼
14 „ ...	440	30	...	...	1½	...	1¼
15 „ ...	440	25	...	...	1¼	...	1¼
			...	...			
16 „ ...	440	15	...	...	2	...	1¼
17 „ ...	440	10	...	...	2	...	1¼
18 „ ...	440	05	...	...	2	...	1¼
19 „ ...	439	90	...	...	2	...	1¼
20 „ ...	439	85	...	...	2	...	1¼
21 „ ...	439	75	...	...	2	...	1¼
22 „ ...	439	70	...	...	2	...	1¼
			...	...			
23 „ ...	439	60	...	...	2	...	1¼
24 „ ...	439	50	...	...	2	...	1¼
25 „ ...	439	40	...	...	2	...	1¼
26 „ ...	439	30	...	...	2	...	1¼
27 „ ...	439	20	...	...	2	...	1¼
28 „ ...	439	15	...	...	2	...	1¼
29 „ ..	439	05	...	...	2	...	1⅛
			...	...			
30 „ ...	439	00	...	...	2	...	1⅛
31 „ ...	438	90	...	...	2	...	1⅛
Carried over		...	1	18	...	...	...

Date 1898.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			1	18	...	...	...
1 June..	438	80	...	...	2	...	1⅛
2 „ ...	438	70	...	...	2	...	1⅛
3 „ ...	438	60	...	...	2	...	1⅛
4 „ ...	438	55	...	...	2	...	1⅛
5 „ ...	438	40	...	...	2	...	1⅛
			...	...			
6 „ ...	438	35	...	...	...	...	...
7 „ ...	438	30	...	...	...	...	...
8 „ ...	438	20	1	25	...	...	...
9 „ ...	438	25	...	09	...	...	...
10 „ ...	438	15	1	84	...	...	...
11 „ ...	438	30	2	42	...	...	...
12 „ ...	438	45	1	68	...	...	...
			7	28			
13 „ ...	438	55	4	49	2½	...	...
14 „ ...	438	90	2	22	6	...	4
15 „ ...	439	10	4	47	3	...	...
16 „ ...	439	70	1	72	1-1″	...	7⅛
17 „ ...	440	10	3	62	6	...	2½
18 „ ...	440	90	1	32	9	...	5
19 „ ...	441	20	...	65	2	...	...
			18	49			
20 „ ...	441	25	...	...	1	...	...
21 „ ...	441	20	...	16	1/16	...	...
22 „ ...	441	20	...	...	...	...	...
23 „ ...	441	15	...	09	...	...	...
24 „ ...	441	10	...	09	...	...	...
25 „ ...	441	05	...	46	...	...	...
26 „ ...	441	00	2	60	...	...	...
			3	40			
27 „ ...	441	50	...	76	...	...	...
28 „ ...	441	65	1	10	½	...	...
29 „ ...	441	80	...	08	1	...	½
30 „ ...	441	90	...	19	¼	...	...
Carried over	...		32	48	...	...	...

TABLES No. 3—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1898.	Height of water. Feet.	Height of water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			32	48	...	...	...
1 July...	441	90	...	50	...	...	...
2 „ ...	441	95	...	71	½	...	...
3 „ ...	441	95	1	03	...	...	...
			2	24			
4 „ ...	442	15	...	12	1/16	...	...
5 „ ...	442	20	...	37	3/8	...	...
6 „ ...	442	30	3	60	1/16	...	...
7 „ ...	443	50	3	58	1'-2"	...	5
8 „ ...	444	60	1	52	5½	...	2
9 „ ...	444	70	..	05	2½	...	...
10 „ ...	444	80	...	92	1½	...	...
			10	16			
11 „ ...	444	90	...	16	2	...	...
12 „ ...	444	90	1	51	½	...	...
13 „ ...	445	10	2	89	2	...	2
14 „ ...	446	20	...	66	10½	...	3½
15 „ ...	446	50	1	93	3	...	1
16 „ ...	447	05	1	23	7	...	3
17 „ ...	447	75	...	37	6½	...	3½
			8	81			
18 „ ...	448	05	...	41	4½	...	2½
19 „ ...	448	30	...	28	3	...	...
20 „ ...	448	40	1	57	1½	...	...
21 „ ...	448	80	7	31	3	...	2
22 „ ...	450	25	9	84	2'-6"	...	1'-6"
23 „ ...	456	...	1	11	1'-4"	...	8
24 „ ...	456	70	...	57	1'-1"	...	5½
			21	09			
25 „ ...	456	75	...	06	10	...	3
26 „ ...	456	65	...	87	7	...	1
27 „ ...	456	70	...	84	5½	...	3
28 „ ...	456	70	...	69	5	...	2½
29 „ ...	456	65	...	58	8	...	2
30 „ ...	456	65	...	63	6	...	2
31 „ ...	456	65	...	98	6½	...	2½
			4	65			
Carried over ...			79	43	...	...	...

Date 1898.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			79	43	...	...	...
1 Aug...	456	70	...	35	6	...	1½
2 „ ...	456	65	...	37	5½	...	1½
3 „ ...	456	65	...	43	5	...	1
4 „ ...	456	65	...	17	5	...	1
5 „ ...	456	60	...	17	4	...	1
6 „ ...	456	55	...	15	3	...	1½
7 „ ...	456	55	...	34	3½	...	1
			1	98			
8 „ ...	456	50	1	40	...	...	2
9 „ ...	456	65	...	15	...	...	3
10 „ ...	456	50	...	37	...	...	3
11 „ ...	456	55	...	16	...	...	3
12 „ ...	456	55	...	39	...	...	2½
13 „ ...	456	55	...	10	...	...	2½
14 „ ...	456	50	...	57	...	...	2
			3	14			
15 „ ...	456	50	...	77	1	...	...
16 „ ...	456	55	...	32	1½	...	½
17 „ ...	456	55	...	09	1½	...	...
18 „ ...	456	50	...	04	...	...	...
19 „ ...	456	50	...	55	...	...	...
20 „ ...	456	50	...	26	...	...	...
21 „ ...	456	50	...	26	...	...	...
			2	29			
22 „ ...	456	50	...	87	¾	...	...
23 „ ...	456	55	1	18	3	...	½
24 „ ...	456	70	...	71	4½	...	1½
25 „ ...	456	70	...	09	4	...	1
26 „ ...	456	60	...	09	3	...	¾
27 „ ...	456	60	...	21	2	...	½
28 „ ...	456	55	...	23	1½	...	½
			3	38			
29 „ ...	456	55	...	14	1½	...	¾
30 „ ...	456	50	...	03	1½	...	½
31 „ ...	456	50	...	18	1½	...	...
Carried over ...			90	57	...	...	...

TABLE No. 3—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1893.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			90	57	...	...	...
1 Sept...	456	45	...	14	1¼	...	...
2 „ ...	456	45	...	26	1¼	...	...
3 „ ...	456	40	...	08	1	...	...
4 „ ...	456	40	...	16	½	...	...
			...	64			
5 „ ...	456	35	...	08	...	...	...
6 „ ...	456	30	...	46	...	...	...
7 „ ...	456	30	1	30	...	...	...
8 „ ...	456	35	...	81	...	...	...
9 „ ...	456	40	3	40	½	...	...
10 „ ...	456	85	5	43	11	...	4
11 „ ...	457	50	4	53	3′ 10″	...	2′·0″
			16	01			
12 „ ...	457	20	1	07	22	...	13
13 „ ...	456	90	...	79	12	...	9
14 „ ...	456	80	...	46	8	...	5
15 „ ...	456	75	...	41	6	...	2½
16 „ ...	456	70	...	68	5½	...	2
17 „ ...	456	70	...	16	5	...	2
18 „ ...	456	65	...	12	3½	...	2½
			3	69			
19 „ ...	456	60	...	05	3	...	1¼
20 „ ...	456	55	...	...	2¼	...	1
21 „ ...	456	50	...	...	1¾	...	¾
22 „ ...	456	50	...	...	1½	...	½
23 „ ...	456	45	...	...	1¼	...	½
24 „ ...	456	40	...	...	½	...	...
25 „ ...	456	35	...	...	...	...	...
			...	05			
26 „ ...	456	30	...	...	...	...	...
27 „ ...	456	25	...	42	...	...	...
28 „ ...	456	25	...	...	...	...	...
29 „ ...	456	20	...	...	...	...	...
30 „ ...	456	15	...	...	...	...	...
Carried over ...			111	38	...	...	...

Date 1893.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			111	38	...	...	...
1 Oct. ...	456	10	...	05	...	...	...
2 „ ...	456	05	...	...	...	...	...
			...	05			
3 „ ...	456	00	...	...	...	...	...
4 „ ...	455	95	...	...	...	...	...
5 „ ...	455	85	...	...	...	...	...
6 „ ...	455	80	...	...	...	...	...
7 „ ...	455	70	...	...	...	...	...
8 „ ...	455	65	...	...	...	...	...
9 „ ...	455	55	...	...	...	...	...
			...	...			
10 „ ...	455	50	...	...	...	...	...
11 „ ...	455	40	...	...	...	...	...
12 „ ...	455	35	...	...	...	...	...
13 „ ...	455	25	...	...	...	...	...
14 „ ...	455	15	...	...	...	...	...
15 „ ...	455	10	...	...	...	...	...
16 „ ...	455	05	...	...	...	...	...
			...	...			
17 „ ...	455	00	...	...	...	...	...
18 „ ...	454	95	...	...	...	...	...
19 „ ...	454	90	...	...	...	...	...
20 „ ...	454	80	...	...	...	...	...
21 „ ...	454	70	...	...	...	...	...
22 „ ...	454	65	...	...	...	...	...
23 „ ...	454	55	...	...	...	...	...
			...	...			
24 „ ...	454	50	...	...	...	...	...
25 „ ...	454	40	...	...	...	...	...
26 „ ...	454	30	...	...	...	...	...
27 „ ...	454	20	...	...	...	...	...
28 „ ...	454	15	...	...	...	...	...
29 „ ...	454	05	...	...	...	...	...
30 „ ...	454	00	...	...	...	...	...
31 „ ...	453	95	...	...	...	...	...
Carried over ...			111	43	2¾	1	3

TABLE No. 3—*concld.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1898.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. inches.	Tulsi Sluice-house Gauge. Inches.
Brought forward	111	43	...	...	...		
1 Nov.	453	85	...	...	2 3/4	1	3
2 „ ...	453	80	...	...	2 3/4	1	3
3 „ ...	453	70	...	...	2 1/4	1	3
4 „ ...	453	65	...	...	2 3/4	1	3
5 „ ...	453	55	...	...	2 3/4		3
6 „ ...	453	50	...	...	2 3/4	3/8	3
			...	...			
7 „ ...	453	40	...	...	2 3/4		3
8 „ ...	453	30	...	...	2 3/4	1/8	3
9 „ ...	453	25	...	...	2 3/4	1/8	3
10 „ ...	453	15	...	...	2 1/4	1/8	3
11 „ ...	453	10	...	...	2 3/4	1/8	3
12 „ ...	453	00	...	15	2 7/8	1/8	3
13 „ ...	453	00	...	...	2 7/8	1/8	3
			...	15			
14 „ ...	452	95	...	...	2 7/8	1/8	3
15 „ ...	452	90	...	...	2 7/8	1/8	3
16 „ ...	452	80	...	...	2 7/8	1/8	3
17 „ ...	452	75	...	...	2 7/8	1/8	3
18 „ ...	452	65	...	...	2 7/8	1/8	3
19 „ ...	452	60	...	...	2 7/8	1/8	3
20 „ ...	452	50	...	...	2 7/8	1/8	3
			...	...			
21 „ ...	452	45	...	...	2 7/8	1/8	3
22 „ ...	452	35	...	...	2 7/8	1/8	3
23 „ ...	452	30	...	...	2 7/8	1/8	3
24 „ ...	452	20	...	...	2 7/8	1/8	3
25 „ ...	452	15	...	...	2 7/8	1/8	3
26 „ ...	452	05	...	...	2 7/8	1/8	3
27 „ ...	452	00	...	...	2 7/8	1/8	3
			...	...			
28 „ ...	451	90	...	...	2 7/8	1/8	3
29 „ ...	451	85	...	...	2 7/8	1/8	3
30 „ ...	451	75	...	...	2 7/8	1/8	3
			...	...			
Carried over ...	111	58	...	...	...		

Date 1898.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches	Tulsi Sluice-house Gauge. Inches.
Brought forward.	111	58	...	...	...		
1 Dec....	451	70	...	...	2 3/4	1/8	3
2 „ ...	451	65	...	...	2 3/4	1/8	3
3 „ ...	451	55	...	...	2 3/4	1/8	3
4 „ ...	451	50	...	...	2 3/4	1/8	3
			...	...			
5 „ ...	451	45	...	...	2 3/4	1/8	3
6 „ ...	451	35	...	...	2 3/4	1/8	3
7 „ ...	451	30	...	...	2 3/4	1/8	3
8 „ ...	451	20	...	...	2 3/4	1/8	3
9 „ ...	451	15	...	...	2 3/4	1/8	3
10 „ ..	451	10	...	...	2 3/4	1/8	3
11 „ ...	451	05	...	...	2 3/4	1/8	3
			...	...			
12 „ ...	450	98	...	...	2 3/4	1/8	3
13 „ ...	450	93	...	...	2 3/4	1/8	3
14 „ ...	450	85	...	...	2 3/4	1/8	3
15 „ ...	450	78	...	...	2 3/4	1/8	3
16 „ ...	450	70	...	...	2 3/4	1/8	3
17 „ ...	450	62	...	...	2 3/4	1/8	3
18 „ ...	450	55	...	...	2 3/4	1/8	3
			...	...			
19 „ ...	450	47	...	...	2 3/4	1/8	3
20 „ ...	450	40	...	...	2 3/4	1/8	3
21 „ ...	450	33	...	...	2 3/4	1/8	3
22 „ ...	450	25	...	...	2 3/4	1/8	3
23 „ ...	450	15	...	...	2 3/4	1/8	3
24 „ ...	450	10	...	...	2 1/4	1/8	3
25 „ ...	450	05	...	...	2 1/4	1/8	3
			...	...			
26 „ ...	449	96	...	...	2 1/4	...	2 7/8
27 „ ...	449	88	...	...	2 1/4	...	2 7/8
28 „ ...	449	80	...	...	2 1/4	...	2 7/8
29 „ ...	449	72	...	...	2 1/4	...	2
30 „ ...	449	64	...	...	2 1/4	...	2
31 „ ...	449	54	...	...	2 1/4	...	2
Total Rainfall for the year 1898 ...			111	58			

TABLE No. 4.

302. Water Level and Rainfall at Pawai Lake.

Date 1898.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
1	January ...	188	05	...	...	7⅜
2	,, ...	188	05	...	...	7⅜
3	,, ...	188	05	...	...	7¼
4	,, ...	188	00	...	...	7¼
5	,, ...	188	00	...	...	7¼
6	,, ...	188	00	...	...	7¼
7	,, ...	188	00	...	...	7⅛
8	,, ...	187	95	...	...	7⅛
9	,, ...	187	95	...	...	7⅛
				...	...	
10	,, ...	187	95	...	...	7⅛
11	,, ...	187	95	...	...	7⅛
12	,, ...	187	90	...	...	7
13	,, ...	187	90	...	...	7
14	,, ...	187	90	...	...	7
15	,, ...	187	90	...	...	7
16	,, ...	187	85	...	...	7
				...	...	
17	,, ...	187	85	...	...	7
18	,, ...	187	85	...	...	7
19	,, ...	187	85	...	...	7
20	,, ...	187	80	...	...	6⅞
21	,, ...	187	80	...	...	6⅞
22	,, ...	187	80	...	...	6⅞
23	,, ...	187	75	...	...	6⅝
				...	...	
24	,, ...	187	75	...	...	6⅝
25	,, ...	187	75	...	...	6⅝
26	,, ...	187	70	...	...	6½
27	,, ...	187	70	...	...	6½
28	,, ...	187	70	...	...	6⅜
29	,, ...	187	65	...	...	6⅜
30	,, ...	187	65	...	...	6¼
31	,, ...	187	65	...	...	6¼
				...	...	
	Carried over...			...	...	

Date 1898.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
	Brought forward ...			...	...	
1	February..	187	65	...	...	6¼
2	,, ...	187	65	...	...	6⅛
3	,, ...	187	60	...	...	6⅛
4	,, ...	187	60	...	...	6⅛
5	,, ...	187	55	...	...	6
6	,, ...	187	55	...	...	6
				...	...	
7	,, ...	187	55	...	...	5⅞
8	,, ...	187	55	...	...	5⅞
9	,, ...	187	55	...	...	5⅞
10	,, ...	187	55	...	...	5⅞
11	,, ...	187	55	0	90	5¾
12	,, ...	187	55	...	...	5⅝
13	,, ...	187	50	...	...	5½
				0	90	
14	,, ...	187	50	...	...	5⅜
15	,, ...	187	50	...	...	5⅜
16	,, ...	187	45	...	...	5⅜
17	,, ...	187	45	...	...	5¼
18	,, ...	187	45	...	...	5⅛
19	,, ...	187	45	...	...	5⅛
20	,, ...	187	40	...	...	5⅛
				...	...	
21	,, ...	187	40	...	...	5⅛
22	,, ...	187	40	...	...	5⅛
23	,, ...	187	35	...	...	5⅛
24	,, ...	187	35	...	...	5
25	,, ...	187	35	...	...	5
26	,, ...	187	35	...	...	5
27	,, ...	187	30	...	...	5
28	,, ...	187	30	...	...	
				...	...	
	Carried over ...			...	90	

TABLE No. 4—*contd.*

Water Level and Rainfall at Pawai Lake.

Date 1898.		Height of Water. Feet.	Height of Water. Cents.	Rainfall. Ins.	Rainfall. Cents.	Goper Dam Gauge. Ins.
Brought forward ...				0	90	
1	March ...	187	30	...	...	5
2	„ ...	187	25	...	...	5
3	„ ...	187	25	...	...	5
4	„ ...	187	25	...	...	5
5	„ ...	187	20	...	...	5
6	„ ...	187	20	...	...	5
				...	...	
7	„ ...	187	20	...	...	5
8	„ ...	187	20	...	...	5
9	„ ...	187	15	...	...	5
10	„ ...	187	15	...	...	5
11	„ ...	187	15	...	...	4 7/8
12	„ ...	187	10	...	...	4 7/8
13	„ ...	187	10	...	...	4 7/8
				...	...	
14	„ ...	187	05	...	...	4 7/8
15	„ ...	187	05	...	...	4 7/8
16	„ ...	187	05	...	...	4 7/8
17	„ ...	187	05	...	...	4 7/8
18	„ ...	187	00	...	...	4 7/8
19	„ ...	187	00	...	...	4 7/8
20	„ ...	187	00	...	...	4 7/8
				...	...	
21	„ ...	186	95	...	...	4 3/4
22	„ ...	186	95	...	...	4 3/4
23	„ ...	186	95	...	...	4 3/4
24	„ ...	186	95	...	...	4 3/4
25	„ ...	186	90	...	...	4 3/4
26	„ ...	186	90	...	...	4 3/4
27	„ ...	186	90	...	...	4 3/4
				...	...	
28	„ ...	186	85	...	...	4 3/4
29	„ ...	186	85	...	...	4 3/4
30	„ ...	186	85	...	...	4 3/4
31	„ ...	186	86	...	...	4 7/8
				...	...	
Carried over...				0	90	

Date 1898.		Height of Water. Feet.	Height of Water. Cents.	Rainfall. Ins.	Rainfall. Cents.	Goper Dam Gauge Ins.
Brought forward ...				0	90	
1	April ...	186	80	...	...	4 1/2
2	„ ...	186	80	...	...	4 3/8
3	„ ...	186	80	...	...	4 3/8
				...	...	
4	„ ...	186	75	...	...	4 1/4
5	„ ...	186	75	...	...	4 1/4
6	„ ...	186	75	...	...	4 1/4
7	„ ...	186	75	...	...	4 1/8
8	„ ...	186	70	...	...	4 1/8
9	„ ...	186	70	...	...	4
10	„ ...	186	70	...	...	4
				...	...	
11	„ ...	186	65	...	...	3 7/8
12	„ ...	186	65	...	...	3 7/8
13	„ ...	186	65	...	...	3 7/8
14	„ ...	186	65	...	...	3 7/8
15	„ ...	186	60	...	...	3 7/8
16	„ ...	186	60	...	...	3 7/8
17	„ ...	186	60	...	...	3 7/8
				...	...	
18	„ ...	186	55	...	...	3 3/4
19	„ ...	186	55	...	...	3 3/4
20	„ ...	186	55	...	...	3 3/4
21	„ ...	186	50	...	...	3 3/8
22	„ ...	186	50	...	...	3 3/8
23	„ ...	186	50	...	...	3 1/2
24	„ ...	186	45	...	...	3 1/2
				...	...	
25	„ ...	186	45	...	...	3 3/8
26	„ ...	186	45	...	...	3 3/8
27	„ ...	186	40	...	...	3 3/8
28	„ ...	186	40	...	...	3 1/4
29	„ ...	186	35	...	...	3 1/4
30	„ ...	186	35	...	...	3 1/4
				...	...	
Carried over ...				0	90	

TABLE No. 4—*contd.*

Water Level and Rainfall at Pawai Lake.

Date 1898.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				0	90	
1	May ...	186	30	...	...	3¼
				...	...	
2	„ ...	186	30	...	...	3⅛
3	„ ...	186	25	...	...	3
4	„ ...	186	20	...	...	3
5	„ ...	186	20	...	...	3
6	„ ...	186	15	...	...	3
7	„ ...	186	15	...	...	3
8	„ ...	186	10	...	...	3
				...	...	
9	„ ...	186	10	...	...	3
10	„ ...	186	05	...	...	2⅞
11	„ ...	186	05	...	...	2⅞
12	„ ...	186	00	...	...	2⅞
13	„ ...	186	00	...	...	2⅞
14	„ ...	185	95	...	...	2¾
15	„ ...	185	95	...	...	2¾
				...	...	
16	„ ...	185	90	...	...	2¾
17	„ ...	185	90	...	...	2¾
18	„ ...	185	85	...	...	2⅝
19	„ ...	185	85	...	...	2⅝
20	„ ...	185	80	...	...	2⅝
21	„ ...	185	80	...	...	2⅝
22	„ ...	185	75	...	...	2⅝
				...	...	
23	„ ...	185	75	...	...	2½
24	„ ...	185	70	...	...	2⅜
25	„ ...	185	70	...	...	2⅜
26	„ ...	185	65	...	...	2⅜
27	„ ...	185	65	...	...	2¼
28	„ ...	185	60	...	...	2¼
29	„ ...	185	60	...	...	2½
				...	...	
30	„ ...	185	55	...	...	2½
31	„ ...	185	55	...	...	2½
Carried over ...				0	90	

Date 1898.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				0	90	
1	June ...	185	50	...	...	2½
2	„ ...	185	50	...	...	2⅜
3	„ ...	185	45	...	...	2⅜
4	„ ...	185	45	...	...	2⅜
5	„ ...	185	40	...	...	2⅜
				...	...	
6	„ ...	185	40	...	...	...
7	„ ...	185	35	...	...	...
8	„ ...	185	35	1	0	...
9	„ ...	185	30	0	16	...
10	„ ...	185	45	0	04	...
11	„ ...	185	65	1	59	...
12	„ ...	185	85	1	22	...
				4	01	
13	„ ...	186	05	3	10	...
14	„ ...	186	60	1	62	...
15	„ ...	186	80	2	70	...
16	„ ...	187	55	1	41	...
17	„ ...	187	75	1	86	...
18	„ ...	187	90	1	28	...
19	„ ...	188	40	0	08	...
				12	05	
20	„ ...	188	45	0	03	...
21	„ ...	188	45	0	15	...
22	„ ...	188	50	0	20	...
23	„ ...	188	50	0	06	...
24	„ ...	188	50	0	09	...
25	„ ...	188	50	0	20	...
26	„ ...	188	50	0	31	...
				1	04	
27	„ ...	188	70	0	15	...
28	„ ...	188	80	0	30	...
29	„ ...	188	90	0	33	...
30	„ ...	189	00	0	25	...
Carried over ...				19	03	

TABLE No. 4—*contd.*

Water Level and Rainfall at Pawai Lake.

Date 1898.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				19	03	
1	July ...	189	10	0	50	...
2	" ...	189	20	0	77	...
3	" ...	189	40	0	50	...
				1	77	
4	" ...	189	55	0	04	...
5	" ...	189	60	0	67	...
6	" ...	189	65	2	26	...
7	" ...	190	05	0	56	...
8	" ...	190	05	0	05	...
9	" ...	190	05	0	21	...
10	" ...	190	05	0	31	...
				4	10	
11	" ...	190	00	0	06	...
12	" ...	190	00	1	62	...
13	" ...	190	10	0	56	...
14	" ...	190	10	0	40	...
15	" ...	190	00	1	53	...
16	" ...	190	00	0	82	...
17	" ...	190	00	0	22	...
				5	21	
18	" ...	190	05	0	34	...
19	" ...	190	00	0	29	...
20	" ...	190	00	4	13	...
21	" ...	190	10	6	63	...
22	" ...	190	25	6	91	...
23	" ...	190	25	1	62	...
24	" ...	190	15	0	33	...
				20	25	
25	" ...	190	05	0	07	...
26	" ...	190	05	0	64	...
27	" ...	190	05	0	96	...
28	" ...	190	05	0	57	...
29	" ...	190	05	0	42	...
30	" ...	190	05	0	36	...
31	" ...	190	05	0	86	...
				3	88	
Carried over ...				54	24	

Date 1898.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				54	24	
1	August ...	190	05	0	13	...
2	" ...	190	05	0	40	...
3	" ...	190	05	0	27	...
4	" ...	190	05	0	09	...
5	" ...	190	05	0	07	...
6	" ...	190	05	0	08	...
7	" ...	190	05	0	18	...
				1	22	
8	" ...	190	05	0	25	...
9	" ...	190	05	0	37	...
10	" ...	190	05	0	37	...
11	" ...	190	05	0	31	...
12	" ...	190	05	0	39	...
13	" ...	190	05	0	04	...
14	" ...	190	05	0	24	...
				1	97	
15	" ...	190	05	0	24	...
16	" ...	190	05	0	30	...
17	" ...	190	05	0	33	...
18	" ...	190	05	0	8	...
19	" ...	190	05	0	14	...
20	" ...	190	05	0	11	...
21	" ...	190	05	0	16	...
				1	36	
22	" ...	190	05	0	59	...
23	" ...	190	05	0	74	...
24	" ...	190	05	0	34	...
25	" ...	190	05	0	05	...
26	" ...	190	05	...	...	...
27	" ...	190	05	0	18	...
28	" ...	190	05	0	63	...
				2	53	
29	" ...	190	05	0	11	...
30	" ...	190	05	0	10	...
31	" ...	190	05	0	04	...
Carried over ...				61	57	

TABLE No. 4—*contd.*

Water Level and Rainfall at Pawai Lake.

Date 1898.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Inches.
Brought forward ...				61	57	
1	September.	190	05	...	27	...
2	„ ...	190	05	...	06	...
3	„ ...	190	05	...	02	...
4	„ ...	190	05	...	04	...
				...	39	
5	„ ...	190	05	...	26	...
6	„ ...	190	05	...	11	...
7	„ ...	190	05	...	...	...
8	„ ...	190	05	3	05	...
9	„ ...	190	15	2	32	...
10	„ ...	190	15	4	95	...
11	„ ...	190	90	2	49	...
				13	18	
12	„ ...	190	30	1	48	...
13	„ ...	190	10	...	71	...
14	„ ...	190	10	...	19	...
15	„ ...	190	10	...	41	...
16	„ ...	190	10	...	39	...
17	„ ...	190	05	...	92	...
18	„ ...	190	10	...	...	...
				4	10	
19	„ ...	190	05	...	...	...
20	„ ...	190	05	...	...	...
21	„ ...	190	05	...	...	...
22	„ ...	190	05	...	...	...
23	„ ...	190	05	...	...	...
24	„ ...	190	05	...	...	...
25	„ ...	190	05	...	...	...
				...	...	
26	„ ...	190	05	...	...	...
27	„ ...	190	05	...	...	...
28	„ ...	190	05	...	...	...
29	„ ...	190	05	...	...	...
30	„ ...	190	05	...	...	...
				...	...	
Carried over ...				79	24	

Date 1898.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Inches.
Brought forward ...				79	24	
1	October ...	190	00	...	...	...
2	„ ...	190	00	...	...	...
				...	...	
3	„ ...	190	00	...	...	...
4	„ ...	190	00	...	...	...
5	„ ...	190	00	...	...	...
6	„ ...	190	00	...	...	...
7	„ ...	190	00	...	...	...
8	„ ...	190	00	...	...	...
9	„ ...	190	00	...	...	...
				...	...	
10	„ ...	189	95	...	...	...
11	„ ...	189	95	...	...	...
12	„ ...	189	95	...	...	...
13	„ ...	189	95	...	...	...
14	„ ...	189	90	...	...	...
15	„ ...	189	90	...	...	...
16	„ ...	189	90	...	...	...
				...	...	
17	„ ...	189	90	...	...	...
18	„ ...	189	90	...	...	...
19	„ ...	189	85	...	...	...
20	„ ...	189	85	...	...	...
21	„ ...	189	85	...	...	...
22	„ ...	189	85	...	...	...
23	„ ...	189	80	...	...	...
				...	...	
24	„ ...	189	80	...	...	...
25	„ ...	189	80	...	...	...
26	„ ...	189	75	...	...	...
27	„ ...	189	75	...	...	...
28	„ ...	189	75	...	...	...
29	„ ...	189	75	...	...	...
30	„ ...	189	70	...	...	...
31	„ ...	189	70	...	...	...
				...	...	
Carried over ...				79	24	

TABLE No. 4—*concld.*

Water Level and Rainfall at Pawai Lake.

Date 1898.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge Inches.
Brought forward ...				79	24	
1	November.	189	70	...	...	...
2	" ...	189	70	...	...	...
3	" ...	189	65	...	...	...
4	" ...	189	65	...	...	...
5	" ...	189	65	...	...	...
6	" ...	189	65	...	...	...
				...	...	
7	" ...	189	60	...	...	...
8	" ...	189	60	...	...	...
9	" ...	189	60	...	...	...
10	" ...	189	55	...	...	...
11	" ...	189	55	...	...	...
12	" ...	189	55	...	...	...
13	" ...	189	55	...	...	...
				...	...	
14	" ...	189	50	...	...	...
15	" ...	189	50	...	...	...
16	" ...	189	50	...	...	...
17	" ...	189	45	...	...	...
18	" ...	189	45	...	...	...
19	" ...	189	45	...	...	...
20	" ...	189	45	...	...	...
				...	...	
21	" ...	189	40	...	...	...
22	" ...	189	40	...	...	...
23	" ...	189	40	...	...	...
24	" ...	189	35	...	...	...
25	" ...	189	35	...	...	...
26	" ...	189	35	...	...	...
27	" ...	189	35	...	...	...
				...	...	
28	" ...	189	30	...	...	...
29	" ...	189	30	...	...	...
30	" ...	189	30	...	...	...
Carried over ...				79	24	

Date 1898.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Inches.
Brought forward ...				79	24	
1	December.	189	25	...	...	...
2	" ...	189	25	...	...	...
3	" ...	189	25	...	...	...
4	" ...	189	25	...	...	...
				...	...	
5	" ...	189	20	...	...	...
6	" ...	189	20	...	...	...
7	" ...	189	20	...	...	...
8	" ...	189	20	...	...	...
9	" ...	189	15	...	...	...
10	" ...	189	15	...	...	...
11	" ...	189	15	...	...	...
				...	...	
12	" ...	189	12	...	...	...
13	" ...	189	11	...	...	...
14	" ...	189	10	...	...	...
15	" ...	189	09	...	...	...
16	" ...	189	08	...	...	...
17	" ...	189	07	...	...	...
18	" ...	189	06	...	...	...
				...	...	
19	" ...	189	05	...	...	...
20	" ...	189	03	...	...	...
21	" ...	189	02	...	...	...
22	" ...	189	01	...	...	...
23	" ...	189	00	...	...	...
24	" ...	188	99	...	...	...
25	" ...	188	98	...	...	...
				...	...	
26	" ...	188	97	...	...	...
27	" ...	188	96	...	...	...
28	" ...	188	95	...	...	...
29	" ...	188	94	...	...	...
30	" ...	188	93	...	...	...
31	" ...	188	92	...	...	...
Total Rainfall for the year 1898... ...				79	24	

TABLE No. 5.

303. Analyses made on the 4th June 1898.

Date of Collection.	Description of Water.	Grains per Gallon.		Parts per Million.	
		Total Solids.	Chlorine.	Free Ammonia.	Albuminoid Ammonia.
18th May 98.	No. 1 from strained water basin at Ghat-Cooper	7·000	·750	·000	·086
19th „ 98.	No. 2 from outlet well at Lake Vehar ...	5·750	·745	·000	·080
„ „ 98.	No. 3 Vehar water from Unfiltered Measuring Chamber	8·850	·875	·000	·060
28th „ 98.	No. 4 Vehar filtered water from Filter No. 5	5·800	·740	·000	·076
19th „ 98.	No. 5 Vehar water from Filter No. 3...	6·200	·800	·002	·022
20th „ 98	No. 6 from Tulsi outlet well	6·500	·900	·028	·076
18th „ 98.	From No. 1 Filter, Malabar Hill ...	6·600	·890	·040	·092
17th „ 98.	Bhandarwada unfiltered water from inlet well	6·200	·800	·000	·060
„ „ 98.	Bhandarwada unfiltered water No. 1 Filter Channel	6·000	·800	·000	·048
18th „ 98.	From inlet well, Malabar Hill	6·300	·870	·000	·120
20th „ 98	Tansa Lake near outlet (No. 1 bottle)...	8·500	·650	·000	·074
„ „ 98.	Tansa Lake outlet well, just entering the duct	8·350	·875	·000	·070

TABLE No. 5.

Analyses made on the 30th July 1898.

No.	Source of Sample.	Grains per gallon.		Parts per Million.	
		Total Solids.	Chlorine.	Free Ammonia.	Albuminoid Ammonia.
1	Tansa water from strained water Basin at Ghat-Cooper	8·50	·70	·40	·080
2	From outlet well at Lake Vehar	8·00	·90	·132	·080
3	Vehar water from Unfiltered Measuring Chamber	7·10	·875	·00	·070
4	Vehar filtered water from Filter No. 4.... ...	7·00	·80	·00	·044
5	Vehar filtered water from Filter No. 1.... ...	7·00	·875	·00	·050
6	Tulsi unfiltered water	7·00	·9	·14	·124
7	Filtered water from No. 1 Filter, Malabar Hill Reservoir	6·9	·875	·00	·050
8	From inlet well, Malabar Hill Reservoir ...	7·00	1·04	·040	·090
9	Bhandarwada Reservoir from inlet channel unfiltered Vehar water	7·00	·925	·004	·80
10	Bhandarwada filtered Vehar water from No. 1 filter channel	7·00	·90	·004	024
11	Surface water from Tansa Lake near outlet.	7·00	·6	·004	·064
12	Tansa water from outlet well just entering the duct	7·00	·6	·004	·060

TABLE No. 5.

Analyses made on the 1st October 1898.

No.	Description of Sample.	Grains per Gallon.		Parts per Million.	
		Total solids.	Chlorine.	Free Ammonia.	Albuminoid Ammonia.
1	Filtered Vehar water from Filter No. 1... ...	7·40	·85	·0106	·040
2	Filtered Vehar water from Filter No. 3	7·00	·80	·040	·040
3	Unfiltered Vehar water from Unfiltered measuring Chamber	7·00	·80	·000	·056
4	Unfiltered Vehar water from inlet well ...	7·00	·85	·093	·100
5	Unfiltered Tulsi water from inlet well ...	7·00	·90	·098	·132
6	Tansa water from strained Water Basin at Ghat-Cooper	8·00	·70	·013	·054
7	Filtered Vehar water from No. 1 Filter Channel Bhandarwada Reseroir	7·00	·90	·00	·024
8	Bhandarwada Reservoir unfiltered water ...	7·00	·90	·052	·072
9	Filtered water from No. 1 Filter, Malabar Hill.	7·00	·85	·00	·044
10	Malabar Hill water from inlet well	7·00	·80	·132	·080
11	Tansa Lake surface water near outlet ..	8·00	·60	·005	·080
12	Tansa Lake water from outlet well	8·00	·60	·026	·060

TABLE No. 5.

Analyses made on the 2nd December 1898.

No.	Description of Sample.	Grains per Gallon.		Parts per Million.	
		Total Solids.	Chlorine.	Free Ammonia.	Albuminoid Ammonia.
1	Tansa water from strained water basin at Ghat-Cooper	7·75	·70	·04	·08
2	Tulsi water from inlet well	7·00	·90	·132	·136
3	Vehar water unfiltered from inlet well ...	7·00	·85	·132	·104
4	Vehar water unfiltered from Measuring Chamber	7·00	·85	·00	·092
5	Vehar water from No. 1 Filter	7·20	·85	·00	·030
6	Vehar water from No. 4 Filter	7·00	·80	·00	·032
7	Malabar Hill filtered water from No. 1 Filter...	7·50	·80	·00	·050
8	Malabar Hill water from inlet well	7·75	·80	·00	·082
9	Bhandarwada unfiltered water from inlet Channel	7·00	·90	·00	·058
10	Bhandarwada filtered water from No. 3 Filter..	7·00	·90	·00	·030
11	Tansa Lake water near outlet surface water ...	8·00	·70	·53	·066
12	Tansa Lake water from outlet well, just entering the duct	8·00	·70	·50	·066

TABLE No. 5.

Analyses made on the 3rd December 1898.

No.	Description of Sample.	Grains per gallon.		Parts per Million.	
		Total solids.	Chlorine.	Free Ammonia.	Albuminoid Ammonia.
1	Tansa water from the strained water basin at Ghat-Cooper	7·75	·70	·04	·08
2	Tulsi water from inlet well	7·00	·90	1·32	1·36
3	Vehar water unfiltered from inlet well... ...	7·00	·85	1·32	·104
4	Vehar water unfiltered from Measuring Chamber	7·00	·85	·00	·092
5	Vehar water from No. 1 Filter	7·20	·85	·00	·030
6	Vehar water from No. 4 Filter	7·00	·80	·00	·032
7	Malabar Hill, filtered water from No. 1 Filter ..	7·50	·80	·00	·050
8	Malabar Hill water from inlet well	7·75	·90	·00	·032
9	Bhandarwada unfiltered water from inlet Channel	7·00	·90	·00	·058
10	Bhandarwada filtered water from No. 3 Filter...	7·00	·90	·00	·030
11	Tansa Lake water near outlet surface water ...	8·00	·70	·053	·066
12	Tansa Lake water from outlet well just entering the duct	8·00	·70	·050	·068

TABLE No. 5.

Analyses made on the 10th February 1899.

No.	Description of Water.	Grains per gallon.		Parts per million.	
		Total solids.	Chlorine.	Free Ammonia.	Albuminoid Ammonia.
1	From the strained water basin at Ghat-Cooper, Tansa Water	8·40	·80	·026	·066
2	Unfiltered water from Tulsi inlet well of Lake	7·00	·90	·132	·150
3	Unfiltered water from Vehar inlet of Lake ...	8·00	·80	·106	·108
4	Unfiltered water at measuring well at Vehar...	7·00	·80	·052	·076
5	Filtered water from Filter No. 3...	7·00	·90	·00	·04
6	Filtered water from Filter No. 1...	7·00	·80	·00	·012
7	Bhandarwada Reservoir filtered water depth below surface 6 inches...	6·80	·80	·00	·028
8	Bhandarwada Reservoir Unfiltered Vehar water taken from the inlet Channel	7·0	·90	·008	·060
9	Water from Malabar Hill Reservoir inlet well.	7·0	·90	·011	·106
10	Filtered water from No. 1 Filter	7·0	·80	·00	·34
11	(No. 1 bottle) from Tansa Lake near outlet well surface water	8·8	·6	·0373	·094
12	(No. 2 bottle) from outlet well of Tansa Lake just entering the duct	9·0	·65	·160	·116

TABLE No. 6.

304. Statement shewing the Fortnightly Readings of Thermometer at Vehar, Tulsi, and Tansa Lakes and Bhandarwada and Malabar Hill Reservoirs.

Date 1898.	Time.	Vehar Lake.	Tulsi Lake.	Tansa Lake.	Malabar Hill Reservoir.		Bhandarwada Reservoir.	
					Inlet Channel.	Distributing Basin.	Inlet Channel.	Distributing Basin.
		°	°	°	°	°	°	°
1st January ...	6 A.M.	77	73	78	73	74	73	74
1st „ ...	12 NOON	75	75	78	73	74	73	74
1st „ ...	6 P.M.	77	74	79	73	74	74	74
15th „ ...	6 A.M.	73	72	72	72	73	73	74
15th „ ...	12 NOON	77	74	78	72	73	74	74
15th „ ...	6 P.M.	74	73	78	72	73	74	75
1st February ...	6 A.M.	74	74	73½	74	74	73	74
1st „ ...	12 NOON	77	76	77	74	74	74	75
1st „ ...	6 P.M.	76	75	80	74	74	74	75
15th „ ...	6 A.M.	76	75	74	75	75	75	76
15th „ ...	12 NOON	77	78	79	75	75	75	76
15th „ ...	6 P.M.	76	77	81	75	75	76	76
1st March ...	6 A.M.	77	77	77	77	76	76	77
1st „ ...	12 NOON	83	80	82	77	76	77	78
1st „ ...	6 P.M.	78	79	84	77	76	77	78
15th „ ...	6 A.M.	81	78	78	78	77	78	78
16th „ ...	12 NOON	82	81	83	78	77	78	77
15th „ ...	6 P.M.	79	80	85	78	77	79	80
1st April ...	6 A.M.	81	81	81½	82	81	80	81
1st „ ...	12 NOON	85	84	84	82	82	81	82
1st „ ...	6 P.M.	82	83	84	81	81	81	82
15th „ ...	6 A.M.	80	84	83½	86	85	82	83
15th „ ...	12 NOON	86	87	88	86	85	83	84
15th „ ...	6 P.M.	83	86	87	85	84	83	84
1st May ...	6 A.M.	87	88	86	89	88	85	86
1st „ ...	12 NOON	89	91	93	89	88	86	86
1st „ ...	6 P.M.	88	89	88	89	88	86	87
15th „ ...	6 A.M.	87	88	84	90	89	87	88
15th „ ...	12 NOON	90	91	90	90	89	88	87
15th „ ...	6 P.M.	88	90	88	90	89	88	87
1st June ...	6 A.M.	88	89	87	91	90	87	88
1st „ ...	12 NOON	91	92	93	91	90	88	87
1st „ ...	6 P.M.	89	91	90	90	89	87	87
15th „ ...	6 A.M.	85	85	84	86	85	85	86
15th „ ...	12 NOON	86	86	85	85	84	86	87
15th „ ...	6 P.M.	85	85	84	85	84	87	87
1st July ...	6 A.M.	83	82	82	85	85	82	83
1st „ ...	12 NOON	84	84	84	85	85	83	84
1st „ ...	6 P.M.	83	83	84½	85	84	84	88
15th „ ...	6 A.M.	83	82	83	84	84	81	82
15th „ ...	12 NOON	85	84	84	84	84	82	83
15th „ ...	6 P.M.	83	83	83	84	84	83	83
1st August ...	6 A.M.	81	80	80	82	82	80	81
1st „ ...	12 NOON	83	82	81⅓	82	82	80	81
1st „ ...	6 P.M.	82	81	81	82	82	81	81
15th „ ...	6 A.M.	82	81	81½	82	82	80	80
15th „ ...	12 NOON	83	83	83	82	82	80	81
15th „ ...	6 P.M.	82	82	82	82	82	81	82

TABLE No. 6—*contd.*

Date 1898.	Time.	Vehar Lake.	Tulsi Lake.	Tansa Lake.	Malabar Hill Reservoir.		Bhandarwada Reservoir.	
					Inlet Channel.	Distributing Basin.	Inlet Channel.	Distributing Basin.
		°	°	°	°	°	°	°
1st September ...	6 A.M.	83	82	83½	84	83	81	81
1st „ ...	12 NOON	84	84	83½	84	83	81	82
1st „ ...	6 P.M.	83	83	83	84	83	81	82
15th „ ...	6 P.M.	83	83	82	81	82	81	81
15th „ ...	12 NOON	85	84	86	81	82	81	82
15th „ ...	6 P.M.	82	83	83	81	82	82	82
1st October ...	6 A.M.	87	83	85	83	83	81	82
1st „ ...	12 NOON	89	86	91	83	83	82	82
1st „ ...	6 P.M.	87	85	91	83	83	82	83
15th „ ...	6 A.M.	86	85	85	84	84	82	83
15th „ ...	12 NOON	91	89	92	85	85	83	84
15th „ ...	6 P.M.	88	88	91	85	85	84	84
1st November ...	6 A.M.	84	84	84	84	84	83	83
1st „ ...	12 NOON	88	86	87	84	84	83	84
1st „ ...	6 P.M.	85	85	86	84	84	84	85
15th „ ...	6 A.M.	83	82	83	84	84	82	82
15th „ ...	12 NOON	86	84	87	84	84	82	83
15th „ ...	6 P.M.	84	83	85	84	84	83	84
1st December ...	6 A.M.	82	79	78	83	83	81	81
1st „ ...	12 NOON	84	81	81	83	83	81	82
1st „ ...	6 P.M.	82	80	82	83	83	82	83
15th „ ...	6 A.M.	81	78	79	83	83	81	81
15th „ ...	12 NOON	83	80	85	85	83	81	82
15th „ ...	6 P.M.	81	79	85	83	83	82	82

TABLE No. 7.

305. Public Supplies of Water and their Situations on the *31st March 1899.

Wards.	Dipping Wells.	Drinking Fountains.	Stand-pipes.	Large Ornamental Fountains.	Cattle Troughs.	Total.
A Ward ...	...	10	9	8	4	31
B „ ...	...	4	14	1	7	26
C „ ...	...	9	11	2	2	24
D „ ...	1	6	2	...	1	10
E „ ...	4	8	17	5	8	42
F „ ...	...	7	24	...	11	42
G „ ...	...	8	15	...	5	28
Total, 1898-99.	5	52	92	16	38	203
Total, 1897-98.	5	49	8	16	37	194

TABLE No. 8.

306. Statement showing the Number of Notices issued to Owners on account of faulty Taps and Service Pipes, &c.

Ward.	Stop Taps.	Service Pipes.	Taps, &c.	Miscellaneous.	Transferring connections.	Waste.	Meter fixing.	Total.
A Ward ...	183	185	475	70	2	57	16	988
B „ ...	128	289	1,049	25	...	...	43	1,534
C „ ...	604	391	228	10	...	...	38	1,271
D „ ...	71	162	925	48	...	...	4	1,247
E „ ...	115	233	639	45	...	...	23	1,055
F „ ...	468	90	188	9	...	...	24	779
G „ ...	32	71	303	67	...	...	14	495
Total, 1898-99...	1,601	1,429	3,807	274	2	57	199	7,369
Total, 1897-98...	1,298	1,877	6,206	437	4	28	160	10,010

TABLE No. 9.

Sanctioned and Actual Number of Disconnections.

307. Statement showing Sanctions to disconnect Service Pipes for non-compliance with notices to repair fittings, &c., and number of disconnections.

Date on which sanction of the Standing Committee was asked. 1898-99.		Number sanctioned by the Standing Committee.	Orders issued.	Disconnections made	Date on which sanction of the Standing Committee was asked. 1898-99.		Number sanctioned by the Standing Committee.	Orders issued.	Disconnections made
					Brought over.		773	732	105
April ...	6th	7	7	3					
" ...	20th	12	12	1					
" ...	27th	8	8	2	November ...	2nd	24	24	2
					" ...	9th	7	7	...
May ...	4th	9	9	2	" ...	16th	2	2	2
" ...	11th	11	11	2	" ...	23rd	17	16	1
" ...	18th	4	4	...	" ...	30th	38	38	8
" ...	25th	15	15	3					
					December ...	7th	18	17	...
June ...	3rd	18	18	1	" ...	14th	43	39	1
" ...	8th	16	16	...	" ...	21st	38	37	2
" ...	15th	26	26	2	" ...	27th	7	7	1
" ...	22nd	45	45	6					
" ...	29th	30	30	2	January 1899	4th	4	4	1
					" ...	11th	63	63	5
July ...	6th	10	10	4	" ...	18th	39	39	4
" ...	13th	25	25	5	" ...	25th	66	66	6
" ...	20th	47	46	7					
" ...	27th	29	29	...	February ...	1st	24	17	...
					" ...	8th	193	175	17
August ...	3rd	56	56	5	" ...	15th	44	44	6
" ...	10th	25	25	4	" ...	22nd	48	45	5
" ...	17th	39	39	9					
" ...	24th	87	76	8	March ...	1st	73	62	6
" ...	31st	59	53	6	" ...	8th	47	46	3
					" ...	15th	29	29	1
September ...	7th	33	26	11	" ...	22nd	12	12	...
" ...	16th	27	24	4	" ...	28th	12	12	...
" ...	21st	2	2	...					
" ...	28th	25	23	2					
October ...	5th	23	23	2					
" ...	12th	50	40	4					
" ...	19th	11	11	3	Total, 1898-99		1,631	1,583	176
" ...	26th	24	22	7					
Carried over.		773	732	105	Total, 1897-98		1,994	1,937	226

TABLE No. 10.

308. Water Connections made from 1st April 1898 to 31st March 1899.

Ward.	½"	¾"	1"	1¼"	1½"	2"	3"	4"	5"	6"	Over 6"	Total connections.	Total disconnections.	Net increase in connections.	Decrease in connections.
A Ward...	45	22	11	4	4	...	2	1	...	1	...	90	49	41	...
B „ ...	42	8	...	...	1	...	...	...	...	...	...	51	56	...	5
C „ ...	48	12	5	...	...	...	...	...	...	...	...	65	95	...	30
D „ ...	70	5	3	...	...	...	1	1	...	...	...	80	31	49	...
E „ ...	43	8	3	1	1	...	2	...	...	...	...	58	149	...	91
F „ ...	54	6	4	1	...	...	...	1	...	...	...	66	17	49	...
G „ ...	46	11	3	...	...	1	...	...	...	...	...	61	25	36	...
Total ...	348	72	29	6	6	1	5	3	...	1	...	471	422	175	126

TABLE No. 11.

309. Water Meters in use on the 31st March 1899.

Wards.	½"	¾"	1"	1¼"	1½"	2"	3"	4"	5"	6"	Over 6"	Total.
A Ward ...	104	75	132	17	27	44	66	19	2	7	...	493
B „ ...	80	24	28	6	4	9	4	1	1	...	...	157
C „ ...	89	20	49	...	7	3	16	...	...	...	...	184
D „ ...	133	48	159	9	6	8	8	9	...	2	...	382
E „ ...	104	40	80	5	18	32	36	12	...	7	...	334
F „ ...	173	37	38	1	17	5	8	3	1	1	...	284
G „ ...	288	104	75	4	16	6	35	8	4	7	...	537
Total ...	971	348	561	42	95	107	163	52	8	24	...	2,371

TABLE No. 12.

310. **Half-yearly Consumption of Water through Meters during the year 1898-1899 (April 1898 to March 1899).**

Wards.	1st Half year, April to Sept. 1898.	2nd Half year, Oct. 1898 to March 1899.	Total.
	Gallons.	Gallons.	Gallons.
A (private parties) ...	73,739,170	76,743,638	150,482,808
B „	43,992,670	45,730,525	89,723,195
C „	9,286,610	9,978,630	19,265,240
D „	42,422,367	54,449,765	96,872,132
E „	144,579,283	102,174,247	246,753,530
F „	32,487,764	35,354,854	67,842,618
G „	107,040,801	110,474,232	217,515,033
Kurla	12,311,370	11,255,465	23,566,835
Bandora	16,156,353	16,465,680	32,622,033
Government Properties...	83,664,213	107,550,934	191,215,147
Municipal „ ...	158,685,274	175,512,360	334,197,634
Total ...	724,365,875	745,690,330	1,470,056,205
Percentage ...	49·3	50·7	100·0
In 1897... Gallons ...	643,648,150	609,696,963	1,253,345,113
In 1897... Percentage ...	51·4	48·6	100·0
In 1896... Gallons ...	689,552,537	569,388,899	1,258,941,436
In 1896... Percentage ...	54·8	45·2	100·0

TABLE No. 13.

311. Statement of the evaporation at the Vehar Lake during the month of October 1898.

Date.	Box No. 1. Height of Water in the Box.	Box No. 2. Height of Water in the Box.	REMARKS.
	Inches.	Inches.	
1	...	...	
2	14	11	
3	13 9/10	10 9/10	
4	13 4/5	10 4/5	
5	13 7/10	10 7/10	
6	13 1/2	10 3/5	
7	13 2/5	10 1/2	
8	13 3/10	10 2/5	
9	13 1/5	10 3/10	
10	13	10 1/5	
11	12 4/5	10	
12	12 3/5	9 4/5	
13	12 1/2	9 2/5	
14	12 2/5	9 1/2	
15	12 3/10	9 2/5	
16	12 1/5	9 3/10	
17	12 1/10	9 1/5	
18	12	9 1/10	
19	12 4/5	9	
20	11 9/10	8 9/10	
21	11 4/5	8 4/5	
22	11 7/10	8 7/10	
23	11 3/5	8 3/5	
24	11 1/2	8 1/2	
25	11 2/5	8 2/5	
26	11 3/10	8 3/10	
27	11 1/5	8 1/5	
28	11 1/10	8 1/10	
29	11	8	
30	10 9/10	8 2/10	
31	10 4/5	8 4/5	
Total of month.	3 2/10"	3"	

TABLE No. 13.

Statement of the evaporation at the Vehar Lake during the month of November 1898.

Date.	Box No. 1 Height of Water in the Box.	Box No. 2. Height of Water in the Box.	REMARKS.
	Inches.	Inches.	
1	14	11	
2	13 9/16	10 9/16	
3	13 1/2	10 1/2	
4	13 7/16	10 7/16	
5	13 3/8	10 3/8	
6	13 5/16	10 5/16	
7	13 1/4	10 1/4	
8	13 3/16	10 3/16	
9	13 1/8	10 1/8	
10	13 1/16	10 1/16	
11	13	10	
12	12 9/16	9 7/16	
13	12 1/2	9 1/2	
14	12 7/16	9 7/16	
15	12 3/8	9 3/8	
16	12 5/16	9 5/16	
17	12 1/4	9 1/4	
18	12 3/16	9 3/16	
19	12 1/8	9 1/8	
20	12 1/16	9 1/16	
21	12	9	
22	11 15/16	8 15/16	
23	11 7/8	8 7/8	
24	11 13/16	8 13/16	
25	11 3/4	8 3/4	
26	11 11/16	8 11/16	
27	11 5/8	8 5/8	
28	11 9/16	8 9/16	
29	11 1/2	8 1/2	
30	11 7/16	8 7/16	
Total of month.	3″	3″	

TABLE No. 13.

Statement of the evaporation at the Vehar Lake during the month of December 1898.

Date.	Box No. 1. Height of Water in the Box.	Box No. 2. Height of Water in the Box.	REMARKS.
	Inches.	Inches.	
1	14	11	
2	13 9/10	10 9/10	
3	13 4/5	10 4/5	
4	13 7/10	10 7/10	
5	13 3/5	10 3/5	
6	13 1/2	10 1/2	
7	13 2/5	10 2/5	
8	13 1/10	10 3/10	
9	13 1/5	10 1/5	
10	13 1/10	10 1/10	
11	13	10	
12	12 9/10	9 9/10	
13	12 4/5	9 4/5	
14	12 7/10	9 7/10	
15	12 3/5	9 3/5	
16	12 1/2	9 1/2	
17	12 2/5	9 2/5	
18	12 3/10	9 3/10	
19	12 1/5	9 1/5	
20	12 1/10	9 1/10	
21	12	9	
22	11 9/10	8 9/10	
23	11 4/5	8 4/5	
24	11 7/10	8 7/10	
25	11 3/5	8 3/5	
26	11 1/2	8 1/2	
27	11 2/5	8 2/5	
28	11 3/10	8 3/10	
29	11 1/5	8 1/5	
30	11 1/10	8 1/10	
31	11	8	
Total of month.	3 1/10″	3 1/10″	

TABLE No. 13.

Statement of the evaporation at the Vehar Lake during the month of January 1899.

Date.	Box No. 1. Height of Water in the Box.	Box No. 2. Height of Water in the box.	REMARKS.
	Inches.	Inches.	
1	14	11	
2	13 9/16	10 9/16	
3	13 4/5	10 4/5	
4	13 7/16	10 7/16	
5	13 2/5	10 2/5	
6	13 1/2	10 1/2	
7	13 2/5	10 2/5	
8	13 3/16	10 3/16	
9	13 1/5	10 1/5	
10	13 1/16	19 1/16	
11	13	10	
12	12 9/16	9 9/16	
13	12 4/5	9 4/5	
14	12 7/16	9 7/16	
15	12 2/5	9 2/5	
16	12 2/5	9 1/2	
17	12 1/2	9 2/5	
18	12 3/16	9 3/16	
19	12 1/5	9 1/5	
20	12 1/16	9 1/16	
21	12	9	
22	11 9/16	8 9/16	
23	11 4/5	8 4/5	
24	11 7/16	8 7/16	
25	11 2/5	8 2/5	
26	11 1/2	8 1/2	
27	11 2/5	8 2/5	
28	11 3/16	8 3/16	
29	11 1/5	8 1/5	
30	11 1/16	8 1/16	
31	11	8	
Total of month...	3″	3″	

TABLE No. 13.

Statement of the evaporation at the Vehar Lake during the month of February 1899.

Date.	Box No. 1 Height of Water in the box.	Box No. 2 Height of Water in the box.	REMARKS.
	Inches.	Inches.	
1	14	10	
2	$13\frac{9}{10}$	$10\frac{9}{10}$	
3	$13\frac{4}{5}$	$10\frac{4}{5}$	
4	$13\frac{7}{10}$	$10\frac{7}{10}$	
5	$13\frac{3}{5}$	$10\frac{3}{5}$	
6	$13\frac{1}{2}$	$10\frac{1}{2}$	
7	$13\frac{2}{5}$	$10\frac{2}{5}$	
8	$13\frac{3}{10}$	$10\frac{3}{10}$	
9	$13\frac{1}{5}$	$10\frac{1}{5}$	
10	$13\frac{1}{10}$	$10\frac{1}{10}$	
11	13	10	
12	$12\frac{9}{10}$	$9\frac{9}{10}$	
13	$12\frac{4}{5}$	$9\frac{4}{5}$	
14	$12\frac{7}{10}$	$9\frac{7}{10}$	
15	$12\frac{3}{5}$	$9\frac{3}{5}$	
16	$12\frac{1}{2}$	$9\frac{1}{2}$	
17	$12\frac{2}{5}$	$9\frac{2}{5}$	
18	$12\frac{3}{10}$	$9\frac{3}{5}$	
19	$12\frac{1}{5}$	$9\frac{1}{5}$	
20	$12\frac{1}{10}$	$9\frac{1}{10}$	
21	12	9	
22	$11\frac{9}{10}$	$8\frac{9}{10}$	
23	$11\frac{4}{5}$	$8\frac{4}{5}$	
24	$11\frac{7}{10}$	$8\frac{7}{10}$	
25	$11\frac{3}{5}$	$8\frac{3}{5}$	
26	$11\frac{1}{2}$	$8\frac{1}{2}$	
27	$11\frac{2}{5}$	$8\frac{2}{5}$	
28	$11\frac{3}{10}$	$8\frac{3}{10}$	
Total of month ...	$2\frac{7}{10}$"	$2\frac{7}{10}$"	

TABLE No. 13—*contd.*

Statement of the evaporation at the Vehar Lake during the month of March 1899.

Date.	Box No. 1. Height of water in the box.	Box No. 2. Height of water in the box.	REMARKS.
	Inches.	Inches.	
1	14	11	
2	13 9/16	10 9/16	
3	13 4/5	10 4/5	
4	13 7/16	10 7/16	
5	13 3/4	10 3/4	
6	13 1/2	10 1/2	
7	13 2/3	10 2/3	
8	13 3/16	10 3/16	
9	13 1/5	10 1/5	
10	13 1/16	10 1/16	
11	13	10	
12	12 4/5	9 4/5	
13	12 2/3	9 2/3	
14	12 2/3	9 2/3	
15	12 1/16	9 1/16	
16	12	9	
17	11 4/5	8 4/5	
18	11 3/5	8 3/5	
19	11 2/5	8 2/5	
20	11 1/5	8 1/5	
21	11	8	
22	10 4/5	7 4/5	
23	10 3/5	7 3/5	
24	10 2/5	7 2/5	
25	10 1/5	7 1/5	
26	10	7	
27	9 4/5	6 4/5	
28	9 2/3	6 2/3	
29	9 3/16	6 3/16	
30	9	6	
31	8 4/5	5 4/5	
Total of month...	5 1/5″	5 1/5″	

TABLE No. 14.

312. Statement of the evaporation at the Tulsi Lake during the month of October 1898.

Date.	Box No. 1. Height of Water in the box.	Box No. 2. Height of Water in the box.	REMARKS.
	Inches.	Inches.	
1	.....	.....	
2	.....	.....	
3	.....	.....	
4	.....	.....	
5	14	11	
6	$13\frac{9}{10}$	$10\frac{9}{10}$	
7	$13\frac{4}{5}$	$10\frac{4}{5}$	
8	$13\frac{7}{10}$	$10\frac{7}{10}$	
9	$13\frac{3}{4}$	$10\frac{3}{4}$	
10	$13\frac{1}{2}$	$10\frac{1}{2}$	
11	$13\frac{2}{5}$	$10\frac{2}{5}$	
12	$13\frac{3}{10}$	$10\frac{3}{10}$	
13	$13\frac{1}{5}$	$10\frac{1}{5}$	
14	$13\frac{1}{10}$	$10\frac{1}{10}$	
15	13	10	
16	$12\frac{9}{10}$	$9\frac{9}{10}$	
17	$12\frac{4}{5}$	$9\frac{4}{5}$	
18	$12\frac{7}{10}$	$9\frac{7}{10}$	
19	$12\frac{3}{4}$	$9\frac{3}{4}$	
20	$12\frac{1}{2}$	$9\frac{1}{2}$	
21	$12\frac{2}{5}$	$9\frac{1}{5}$	
22	$12\frac{3}{10}$	$9\frac{3}{10}$	
23	$12\frac{1}{5}$	$9\frac{1}{5}$	
24	$12\frac{1}{10}$	$9\frac{1}{10}$	
25	12	9	
26	$11\frac{9}{10}$	$8\frac{9}{10}$	
27	$11\frac{4}{5}$	$8\frac{4}{5}$	
28	$11\frac{7}{10}$	$8\frac{7}{10}$	
29	$11\frac{3}{4}$	$8\frac{3}{4}$	
30	$11\frac{1}{2}$	$8\frac{1}{2}$	
31	$11\frac{2}{5}$	$8\frac{2}{5}$	
Total of month ...	$2\frac{7}{10}$"	$2\frac{7}{10}$"	

TABLE No. 14.

Statement of the evaporation at the Tulsi Lake during the month of November 1898.

Date.	Box No. 1. Height of water in the box.	Box No. 2. Height of water in the box.	REMARKS.
	Inches.	Inches.	
1	14	11	
2	13 9/10	10 9/10	
3	13 4/5	10 4/5	
4	13 7/10	10 7/10	
5	13 3/5	10 3/5	
6	13 1/2	10 1/2	
7	13 2/5	10 2/5	
8	13 3/10	10 3/10	
9	13 1/5	10 1/5	
10	13 1/10	10 1/10	
11	13	10	
12	12 9/10	9 9/10	
13	12 4/5	9 4/5	
14	12 7/10	9 7/10	
15	12 3/5	9 3/5	
16	12 1/2	9 1/2	
17	12 2/5	9 2/5	
18	12 3/10	9 3/10	
19	12 1/5	9 1/5	
20	12 1/10	9 1/10	
21	12	9	
22	11 9/10	8 9/10	
23	11 4/5	8 4/5	
24	11 7/10	8 7/10	
25	11 3/4	8 2/5	
26	11 1/2	8 1/2	
27			
28			
29			
30			
Total of month...	2 6/10 "	2 6/10 '	

TABLE No. 14.

Statement of the evaporation at the Tulsi Lake during the month of December 1898.

Date.	Box No. 1. Height of water in the box.	Box No. 2. Height of water in the box.	REMARKS.
	Inches.	Inches.	
1	14	11	
2	13 9/10	10 9/10	
3	13 4/5	10 4/5	
4	13 7/10	10 7/10	
5	13 3/5	10 3/5	
6	13 1/2	10 1/2	
7	13 2/5	10 2/5	
8	13 3/10	10 3/10	
9	13 1/5	10 1/5	
10	13 1/10	10 1/10	
11	13	10	
12	12 9/10	9 9/10	
13	12 4/5	9 4/5	
14	12 7/10	9 7/10	
15	12 3/5	9 3/5	
16	12 1/2	9 1/2	
17	12 2/5	9 2/5	
18	12 3/10	9 3/10	
19	12 1/5	9 1/5	
20	12 1/10	9 1/10	
21	12	9	
22	11 9/10	8 9/10	
23	11 4/5	8 4/5	
24	11 7/10	8 7/10	
25	11 3/5	8 3/5	
26	11 1/2	8 1/2	
27	11 2/5	8 2/5	
28	11 3/10	8 3/10	
29	11 1/5	8 1/5	
30	10 1/10	8 1/10	
31	11	8	
Total of month...	3 1/10"	3 1/10"	

TABLE No. 14.

Statement of the evaporation at the Tulsi Lake during the month of January 1899.

Date.	Box No. 1. Height of water in the box.	Box No. 2 Height of water in the box.	REMARKS.
	Inches.	Inches.	
1	14	11	
2	13 9/10	10 9/10	
3	13 4/5	10 1/5	
4	13 7/10	10 7/10	
5	13 3/5	10 3/5	
6	13 1/2	10 1/2	
7	13 2/5	10 2/5	
8	13 3/10	10 3/10	
9	13 1/5	10 1/5	
10	13 1/10	10 1/10	
11	13	10	
12	12 9/10	9 9/10	
13	12 4/5	9 4/5	
14	12 7/10	9 7/10	
15	12 3/5	9 3/5	
16	12 1/2	9 1/2	
17	12 2/5	9 2/5	
18	12 3/10	9 3/10	
19	12 1/5	9 1/5	
20	12 1/10	9 1/10	
21	12	9	
22	11 9/10	8 9/10	
23	11 4/5	8 4/5	
24	11 7/10	8 7/10	
25	11 3/5	8 3/5	
26	11 1/2	8 1/2	
27	11 2/5	8 2/5	
28	11 3/10	8 3/10	
29	11 1/5	8 1/5	
30	11 1/10	8 1/10	
31	11	8	
Total of month...	3 1/10"	3 1/10"	

TABLE No. 14.

Statement of the evaporation at the Tulsi Lake during the month of February 1899.

Date.	Box No. 1. Height of water in the box.	Box No. 2. Height of water in the box.	REMARKS.
	Inches.	Inches.	
1	14	11	
2	13 9/10	10 9/10	
3	13 4/5	10 4/5	
4	13 7/10	10 7/10	
5	13 3/5	10 3/5	
6	13 1/2	10 1/2	
7	13 2/5	10 2/5	
8	13 3/10	10 3/10	
9	13 1/5	10 1/5	
10	13 1/10	10 1/10	
11	13	10	
12	12 9/10	9 9/10	
13	12 4/5	9 4/5	
14	12 7/10	9 7/10	
15	12 3/5	9 3/5	
16	12 1/2	9 1/2	
17	12 2/5	9 2/5	
18	12 3/10	9 3/10	
19	12 1/5	9 1/5	
20	12 1/10	9 1/10	
21	12	9	
22	11 9/10	8 9/10	
23	11 4/5	8 4/5	
24	11 7/10	8 7/10	
25	11 3/5	8 3/5	
26	11 1/2	8 1/2	
27	11 2/5	8 2/5	
28	11 3/10	8 3/10	
Total of month ...	2 7/10"	2 7/10"	

TABLE No. 14.

Statement of the evaporation at the Tulsi Lake during the month of March 1899.

Date.	Box No 1. Height of water in the box.	Box No 2. Height of water in the box.	Remarks.
	Inches.	Inches.	
1	14	11	
2	13 9/10	10 9/10	
3	13 4/5	10 4/5	
4	13 7/10	10 7/10	
5	13 3/5	10 3/5	
6	13 1/2	10 1/2	
7	13 2/5	10 2/5	
8	13 3/10	10 3/10	
9	13 1/5	10 1/5	
10	13 1/10	10 1/10	
11	13	10	
12	12 9/10	9 9/10	
13	12 4/5	9 4/5	
14	12 7/10	9 7/10	
15	12 3/5	9 3/5	
16	12 1/2	9 1/2	
17	12 2/5	9 2/5	
18	12 3/10	9 3/10	
19	12 1/5	9 1/5	
20	12 1/10	9 1/10	
21	12	9	
22	11 9/10	8 9/10	
23	11 4/5	8 4/5	
24	11 7/10	8 7/10	
25	11 3/5	8 3/5	
26	11 1/2	8 1/2	
27	11 2/5	8 2/5	
28	11 3/10	8 3/10	
29	11 1/5	8 1/5	
30	11 1/10	8 1/10	
31	11	8	
Total of month ...	3"	3"	

E.

REGULATION OF STREETS AND BUILDINGS.

	Paras.
APPLICATIONS FOR BUILDING OR REBUILDING HOUSES	313
NOTICES AND SUMMONSES ISSUED	314 to 319
BUILDINGS OR PARTS OF BUILDINGS WHICH FELL DOWN	320
REMOVAL OF RUINOUS HOUSES, HUTS, OBJECTIONABLE CONSTRUCTIONS, DOORS, &c., PROJECTIONS AND ENCROACHMENTS ...	321
STREET IMPROVEMENT, SET-BACKS, &c. ...	322 to 336
MUNICIPAL GROUND SOLD	337

BUILDING APPLICATIONS.

313. The number of applications for permission to either build or rebuild houses, &c., during the year under report amounted to 1,671, or 542 more than those received during the preceding year. Of these, 1,638 were passed, either wholly or partially, and only 33 were unconditionally disapproved on sanitary and other grounds.

NOTICES AND SUMMONS ISSUED.

314. During the year under review 3,591 notices were issued on house-owners under various sections of the Municipal Act, or 1,044 less than those issued during the previous year.

315. The following statement shows the number of notices issued and the sections of the Municipal Act under which they were issued :—

Sections of Municipal Act.	Particulars.	Number of Notices.
231	To provide rain-water eaves gutters and downtake pipes...	477
247	To provide privy accommodation to new buildings ...	5
257	To remove encroachments on privy, drain, house-gully, &c.	6
299	Intimation of intention to take possession of land outside buildings for street improvement	11
308	To remove new projections	121
309	To remove old projections	18
311	To remove or alter doors or windows opening over streets	36
315	To remove encroachment over a street...	1
329	To fence or enclose tanks, wells, and dangerous places...	3
349	To remove inflammable materials in external walls and roof coverings	732
351	To remove structures erected without Municipal approval or submitting plans for the same	277
353	To remove buildings erected contrary to the provisions of the Act and Bye-laws	424
354	To pull down ruinous houses	383
380	Removing or altering insanitary huts or sheds ...	131
383	To cut or trim trees hanging over streets	6
488	Intimation of intention to enter houses after 24 hours' notice	960
	Total ...	3,591

316. Five hundred and thirty-two summonses were issued under different sections of the Municipal Act against the house-owners who failed to comply with the notices served upon them.

317. In 442 of these cases the parties complied with the terms of the notices served upon them; in three cases the parties were warned and discharged; in 29 cases they were convicted and fined; 37 cases were postponed to the year 1899-1900 and in 20 cases second summonses and in one a third summons were issued.

318. The amount of fines realized was Rs. 410.

319. The following statement shows the different sections of the Act under which offenders were prosecuted and other details of the prosecutions during the year 1898-99 :—

Superintendents.	Number of sections of the Act.	Number of summonses issued.	Cases withdrawn as requirements were complied with, &c.	Persons warned and discharged.	Persons convicted and fined.	Cases postponed to next year 1899-1900.	Number of second summonses.	Number of third summonses.	Number of fourth summonses.	Amount of fines.
										Rs. a. p.
Superintendent, Southern Division	231	142	140	...	...	1	1	...	...	.....
	247	1	1	...	...	...	...	...	...	.....
	257	2	1	...	1	...	...	...	...	15 0 0
	308	27	20	...	7	...	...	...	...	90 0 0
	309	2	1	...	1	...	...	...	...	25 0 0
	311	11	11	...	...	...	...	...	...	.....
	313	8	5	3	...	...	...	...	...	.....
	322	69	69	...	...	...	...	...	...	.....
	353	86	70	...	4	9	2	...	...	80 0 0
	354	3	2	...	1	...	...	...	...	50 0 0
Superintendent, N.-W. Division.	231	38	28	...	1	4	5	...	...	.....
	247	1	1	...	...	...	...	...	...	.....
	257	2	2	...	...	...	...	...	...	.....
	308	4	3	...	...	1	...	...	...	.....
	311	1	1	...	...	...	...	...	...	.....
	322	3	3	...	...	...	...	...	...	.....
	329	1	1	...	...	...	...	...	...	.....
	353	67	38	...	8	17	4	...	...	80 0 0
	383	1	1	...	...	...	...	...	...	.....
Superintendent, N.-E. Division.	231	14	12	...	...	1	1	...	...	.....
	257	...	...	...	...	...	...	...	...	.....
	258	1	1	...	...	...	...	...	...	.....
	311	1	1	...	...	...	...	...	...	.....
	322	4	4	...	...	...	...	...	...	.....
	329	3	...	...	1	1	1	...	...	10 0 0
	353	40	25	...	5	3	6	1	...	60 0 0
	380	1	1	...	...	...	...	...	...	.....
Total ...	...	532	442	3	29	37	20	1	...	410 0 0

BUILDINGS OR PARTS OF BUILDINGS WHICH FELL DOWN.

320. During the year under report 28 buildings or parts thereof fell down. In 17 of these cases there was no injury to life, but in 11 cases 31 persons were injured and 7 killed.

The following statement gives the particulars of the houses that fell down :—

Statement of Houses which fell, wholly or partially, during the year 1898-99.

No.	Names of house-owners.	Locality.	Nos. of houses.	Particulars of structures that fell.	Date of accident.	Casualties.		Remarks.
						Persons killed.	Persons injured.	
	Ward B.				1898.			
1	Mr. Abdulla Nasib ...	Tandel Street	166	Rear roof of portion of north walling and a portion of flooring of the 1st and 2nd floors in the rear.	26th May	*Nil*	*Nil*	
2	Mr. Rajabhai Bapoobhai...	Memonwada Road ...	551-553	Side wall and portion of flooring of 2nd floor.	20th June	,,	,,	
3	Mr. Haji Abdool Sutar ...	Parel Road, Bhendy Bazar.	437-439	Rear portion	30th ,,	,,	,,	
4	Mr. Haji Miya Baloo Miya Pathan.	Jakeria Musjid Street...	428-432	Do.	17th ,,	,,	2	
5	Mr. Beg Mahomed ...	Babula Tank Road ...	33	Portion of roof of a shed ...	14th ,,	,,	*Nil.*	
6	Mr. Yakoob Oosman ...	Jakeria Musjid Street...	508-510	West external wall and the flooring of the rear bay.	14th Aug.	,,	,,	
7	Mr. Hajee Jan Mahomed Mussa.	Jakeria Bunder Street...	413	The flooring of one bay on the 5th floor.	2nd April	,,	,,	
8	Mr. Narayen Virji ...	Broach Street	60	Last 8 bays of the house and room from top to bottom.	17th June	3	3	
9	Mr. Hajee Oosman Dawood.	Nagdevi Street	395-397	A portion of the south external wall in its 4th and 5th bays.	27th July	*Nil*	*Nil*	
10	Mr. Jacob Elias, Agent of Syed Bawa Miya.	Kambekar Street ...	36-38	Part of the north wall ...	12th Sept.	,,	,,	
11	Mr. Hajee Oosman Hajee Ismail.	Janjirkar Street ...	296-298	Front wall with flooring of 1st bay on upper floors.	4th Feb. 1899.	,,	11	
				Carried forward ...		3	16	

Statement of Houses which fell, wholly or partially, during the year 1898-99—*continued.*

No.	Names of House-owners.	Locality.	No. of houses.	Particulars of structures that fell.	Date of accident.	Casualties.		Remarks.
						Persons killed.	Persons injured.	
				Brought over ...	1898.	3	16	
	Ward C.							
12	Mr. Rustomji Cowasji ...	1st Pathan Street ...	23	Portion of the roof	9th June	1	*Nil*	
13	Mr. Dharamsi Hemraj ...	Duncan Road	228-232	Rear part	19th „	*Nil*	3	
14	Mr. Pallonji Edalji ...	3rd Pinjrapole Street ...	32	Roof over the passage 24″×17″	25th July	„	*Nil*	
15	Mr. Jamnadas Narsidas ...	2nd Bhoiwada Street ...	110-114	Rear part of the building ...	4th Aug.	„	„	
16	Mr. Hirachand Raghunath	Kika Street	125	Do. do. ...	25th Sept.	„	„	
17	Mr. Shapoorji Sorabji Kapawalla.	Musjid Bunder Road ...	2-12	Loft of the shop	12th July	1	„	
18	Mr. Sawlaram Mahadoo...	Chewoolwadi	2	Portion of the north wall ...	26th Sept.	*Nil*	„	
19	Mr. Anandrao Vinayek, executor of the late Mr. Parmanadas Jivandas.	Old Hanuman Lane ...	152	North-west portion of the eaves.	11th Oct.	„	„	
	Ward D.							
20	Mr. Shapurji Framji Pavri.	3rd Parsiwada	27	Last rear bay of the four storeyed portion.	27th June	„	2	
21	Mr. Amichand Panalal ...	Ridge Road	93-95	Portion of the roof	25th Mar.	„	*Nil*	
	Ward E.							
22	Mr. Mackenzie	Victoria Road	12	The whole shed	18th June	*Nil*	„	
23	Mr. Mohnaji Nilaji ...	Kamathipura, 15th St...	21	West wall of the 2nd storey...	12th „	1	„	
24	Bai Aderbai, wife of Mr. Manekji Jamsetji.	Ghelabhai Street ...	239	2nd floor of the 1st compartment.	25th „	„	5	
25	Mr. Nazbudin Jivakhan ...	Kamathipura, 5th Street	166	The wall fell down while the owner was removing ruinous portions of the bui ding.	6th Aug. 1899.	„	2	
26	Mr. Alli Mahomad Hussein.	Bapty Road	5	Western edge of the roof of the chawl.	10th Jan.	1	3	
27	Mr. Alli Mahomad Haji Ismail.	Kamathipura, 13th St...	203-207	West external wall of the front compartment of the 3rd storey of the building.	2nd Feb.	*Nil.*	*Nil*	
28	Bai Nanibai, wife of Kanji Rama.	Undria Street, Cross Lane.	27-29	West external wall of the front two bays of the building.	10th „	„	„	
				Total ...		7	31	

REMOVAL OF RUINOUS HOUSES, HUTS, OBJECTIONABLE CONSTRUCTIONS, DOORS, PROJECTIONS AND ENCROACHMENTS ON STREETS.

321. The following statement shows in detail the action taken under various sections of the Municipal Act, for the summary removal of ruinous houses, and huts, of objectionable constructions, and of doors opening outwards, projections and encroachments on streets, &c.

Section of Municipal Act under which action has been taken.	No. of cases.	No. of cases in which action has been taken Departmentally.	No. of cases executed by house owners or withdrawn.	Action pending.
231	396	2	271	123
247	10	...	10	...
257	7	...	5	2
299	9	1	4	4
305	1	...	...	1
308	88	10	70	8
309	17	2	14	1
311	28	2	22	4
322	23	...	23	...
329	2	...	...	2
349	701	55	441	205
351	365	13	306	46
353	442	6	335	101
354	361	58	242	61
380	131	2	10	119
383	6	...	5	1
426	3	...	3	...
488	699	163	482	54
Total...	3,289	314	2,243	732

STREET IMPROVEMENTS OR SET-BACKS.

322. The amount allowed for Street Improvement for the year 1898-99, was Rs. 1,00,000. This was found insufficient and it had to be supplemented from time to time by additional grants, aggregating Rs. 1,00,735. The total amount sanctioned was therefore Rs. 2,00,735. Out of this amount Rs. 1,11,247-12-6 were actually paid during the year and a large amount of liability is still to be met.

323. The widening of streets is a work of great importance to the City, and I am of opinion that a much larger sum than that annually granted should be given, if the roads are to be

widened to the required extent. The value of land has steadily risen within the last few years, and is still on the ascendant. It is, therefore, advisable that all open spaces lying within the "regular lines" of the streets should be taken up, without loss of time, under Section 299 of the Municipal Act. This, however, cannot be done, as the annual grant is barely sufficient to meet immediate requirements.

324. The insanitary houses in the City are being improved under the Epidemic Diseases Act. This affords an excellent opportunity for setting back the houses, especially in the narrow streets and lanes, but it also cannot be done unless a much larger grant is made. During the past year several houses could have been easily and economically set-back in the process of improvement, but it has not been possible to effect this much desired improvement for want of funds.

325. The following statement shows the areas and amounts of ground added to the streets in each ward during the year under report :—

44·83	square yards in	Ward	A	Rs.	1,676	8	0
373·14	"	"	B	"	19,634	15	10
625·06	"	"	C	"	21,277	12	9
2,679·49	"	"	D	"	22,915	4	4
1,268·72	"	"	E	"	7,237	1	2
179·50	"	"	F	"	654	2	0
62·00	"	"	G	"	266	0	0
Total sq. yds. 5,232·74			Total	... Rs.	73,661	12	1

326. The details of the ground added are given in the following statements :—

GROUND ADDED TO STREETS IN WARD A.

327. Statement showing the Ground taken up and actually added to Streets during the year 1898-99.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate per square yard offered.	Rate per square yard accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Parbudas Jivandas Kothare.	171-175	Mody Street ...	7·45	25 0 0	25 0 0	186 4 0		...
2	Mr. K. H. Alpaiwalâ ...	91-93/2	Bhoiwar Lane junction of Cowasji Patel Street.	3·33	25 0 0	...	83 4 0		...
3	Mr. Valabhdas Bhikaji ...	132-134	Cowasji Patel Street.	5·91	.....	...	.....	Free of charge ...	...
4	Mr. Sassoon J. David ...	...	Rutherfield Street ...	28·14	50 0 0	50 0 0	1,407 0 0		14 11 5
			Total ...	44·83			1,676 8 0		14 11 5

328. Ground added to Streets in Ward B.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate per square yard offered.	Rate per square yard accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Rev. J. Henry Lord ...	65-67	Babula Tank Road ...	32·96	17 8 0	17 8 0	576 11 2 10 0 0	Compensation for trees.	0 6 3
2	Mr. Anandrao Vinayek, Surviving Executor of the late Mr. Permanandas.	189-193	Parel Road, Bhendi Bazar.	4·50	.....	.....	.....	Money not paid, as the ground is made over to the Municipality free of cost for certain concession given.	...
3	Mr. Fazal Karimbhai Ibrahim.	608-610	Samuel Street ...	7·88	40 0 0	.....	315 3 2		...
4	Mr. Karimbhai Ibrahim...	604-606	Dongri Street ...	6·78	45 0 0	.....	305 1 7		...
5	Mr. Karimbhai Ibrahim ...	...	Samuel Street ...	2·63	40 0 0	.....	105 3 2		...
6	Mr. Hirjibhai Alarakhia...	2-6	3rd Dontar Street ...	133·58	10 0 0	40 0 0	5,343 3 2		...
7	The Government of Bombay Police Chowkey	281	Abdul Rahemān Street.	40·64	125 0 0	125 0 0	5,080 0 0 659 0 0	Compensation for structure.	...
8	Mr. Adamji Bhaiji ...	118-120	Dongri Street ...	17·01	45 0 0	45 0 0	765 7 2		11 11 6
			Carried forward...	245·98			13,159 13 5		12 1 9

Ground added to Streets in Ward B—*continued.*

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate per square yard offered.	Rate per square yard accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
			Brought over...	245·98			13,159 13 5		12 1 9
9	Mr. Valabhdas Bhagwandas.	332-338	Nagdevi Street ...	8·09	40 0 0	40 0 0	323 9 7		...
10	Messrs. Tribhovandas Mangaldas and Purshotumdas Mangaldas.	201-203	Musjid Bunder Road.	51·91	75 0 0	75 0 0	3,893 4 0 885 0 0	Compensation for structure.	1 2 9
11	Mr. Kalianji Oomersey ...	66-72	Samuel Street ...	11·37	40 0 0	...	454 12 10		...
	Do. do. ...	1-3	De Souza Street ...	37·42	.....	...	.....	Free of charge ...	...
12	Mr. Karsandas Natha ...	2-4	Samuel and Mirchi Streets.	18·37	50 0 0	...	918 8 0		...
			Total ...	373·14			19,634 15 10		13 4 6

329. Ground added to Streets in Ward C.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate per square yard offered.	Rate per square yard accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Ranchoddas Vallabhbhai.	.....	3rd Bhoiwada ...	1·60	50 0 0	.....	80 0 0	.....	...
2	Mr. Ramji Bhola... ...	104-108	1st Bhoiwada ...	11·42	40 0 0	.....	456 12 10	.....	...
3	Mr. Tricamdas Mulji ...	.....	Girgaum Road ...	33·81	36 0 0	.....	4,006 0 0	Including compensation for structure.	4 0 7
4	Mr. Haji Mia bin Baba Mia, grandson of the owner Sheik Mahomed Jaffer Pathan.	.....	Do. ..	6·91	40 0 0	.....	267 6 5	.....	...
5	Messrs. Mia Saheb Abdulali and Mia Saheb Sarafali.	.....	Sutar Chawl... ...	10·92	30 0 0	.....	327 3 2	.....	...
6	Bai Khursedbai, widow of Mr. Furdoonji Jamsetji Budhala.	.....	Girgaum Road ...	4·44	36 0 0	36 0 0	159 13 5 78 13 11	Compensation for structure.	0 6 3
7	Mr. Jalbhai Ardeshir Sett.	.....	Chandanwadi ...	411·69	25 0 0	25 0 0	10,292 4 0 507 0 0	Compensation for compound wall	30 7 6
8	Mr. Rahimtulla Rowji ...	.....	Girgaum Road ...	9·94	36 0 0	.....	339 13 5	.....	...
			Carried forward ...	490·73			16,509 3 2		34 14 4

Ground added to Streets in Ward C—*continued.*

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate per square yard offered.	Rate per square yard accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
			Brought over...	490·73	Rs. a. p.	Rs. a. p.	Rs. a. p. 16,509 3 2		Rs. a. p. 34 14 4
9	Mr. Sadanand Shrikrishnaji.	.....	Champawadi	5·00	20 0 0	.....	100 0 0	.....	...
10	Mr. Haji Mohamad Haji Oosman.	.....	Girgaum Road ...	14·84	40 0 0	40 0 0	593 9 7	.....	0 8 4
11	Mr. Pragji Vandravandas.	.....	Old Hanuman Lane...	2·95	.....	.....	.....	Free of charge.	...
12	Mr. Shamrao Sakharm ...	.....	Kolbhat Street ...	12·24	10 0 0	.....	122 6 5 280 0 0	Compensation for structure.	...
13	Mr. Vasantrao Nana Moroba.	.....	Girgaum Road ...	17·00	36 0 0	36 0 0	2,250 0 0	(including compensation for structural alterations.	...
14	The trustees of Haji Esmail Haji Habib's Charity Fund.	.....	Kolbhat Street ...	34·88	.....	.....	.....	Free of charge.	...
15	Mr. Vithaldas Megji ...	.....	Lohar Street	47·42	30 0 0	.....	1,422 9 7	.....	26 13 2
			Total.....	625·06			21,277 12 9		62 3 10

330. Ground added to Streets in Ward D.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate per square yard offered.	Rate per square yard accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Vinayak Meghasham.	...	Khetwadi Main Road.	64·51	.....	12 0 0	774 1 11 69 0 0	Compensation for compound wall and trees.	0 6 3
2	Mr. Sorabji M. Damanwala.	...	Gamdevi Road ...	183·06	12 0 0	12 0 0	2,196 11 6 899 0 0	Compensation for compound wall.	13 2 5
3	Mr. Yessoba Ramchandra.	...	Girgaum Road ...	41·03	17 0 0	17 0 0	697 8 2 20 0 0	Compensation for trees.	0 8 4
4	Mr. Shapurji Hormasji Tadiwalla.	...	1st Parsiwada ...	2·15	10 0 0	10 0 0	21 8 0		.....
5	Mr. Pundlic Ganesh ...	...	Khetwady 9th Lane...	8·54	8 0 0	8 0 0	68 5 1		.....
6	Mr. Gosawi Shivgar Dayagar.	...	Khetwadi 9th Lane...	8·26	.....	10 0 0	82 9 7		5 11 8
7	Mr. Maneckji Edalji, Contractor.	...	Dhanji Street ...	42·00	12 8 0	.....	525 0 0		.....
			Carried forward...	349·55			5,353 12 3		19 12 8

Ground added to Streets in Ward D—*continued.*

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate per square yard offered.	Rate per square yard accepted.	Amount including Collector's or Fazindar's dues.	Remarks.	Amount due to the Collector or Fazindar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
			Brought over...	349·55	.....	.....	5,353 12 3		19 12 8
8	Mr. Krishnarao Moroba Kothare.	...	Borbhat Lane, Girgaum.	1·00	.....	20 0 0	20 0 0 52 0 0	Compensation for structural alteration.	.....
9	Mr. Framji Pallonji Pochkhanawala.	...	Khetwadi Main Road.	27·29	.....	12 0 0	327 7 8		0 8 4
10	Bai Ratanbai Rustomji Bhaisett.	...	Khetwadi 9th Lane...	5·82	.....	.....	.....	Free of charge ...	.....
11	Mr. Jamsetji N. Modi ...	...	Nepean Sea Road ...	53·28	.....	10 0 0	532 12 9		.....
12	Mr. Jafferbhai Rahimtulla.	...	Do. do. ...	457·09	.....	10 0 0	4,570 14 4 56 0 0	Compensation for trees.	11 11 6
13	Mr. Adamji Pirbhoy ...	...	Forjett Street ...	1,537·84	.....	6 0 0	9,227 0 7 794 5 5	Compensation for compound wall, &c.	4 15 2
14	Mr. Hirji Ardeshir Dadysett.	...	Walkeshwar Road ...	214·00	8 0 0	8 0 0	1,712 0 0		.....
15	Mr. Haji Mussa Haji Hassam.	...	Do. do. ...	33·62	8 0 0	8 0 0	268 15 4		.....
			Total... ...	2,679·49			22,915 4 4		36 15 8

331. Ground added to Streets in Ward E.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate per square yard offered.	Rate per square yard accepted.	Amount including Collector's or Fazindar's dues.	Remarks.	Amount due to the Collector or Fazindar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Bai Sirinbai Burjorji ...	...	Matarpakadi Road ...	20·06	5 0 0	.....	100 4 9		...
2	Sir J. J. Baronet ...	...	Mazagon Road ...	211·00	...	16 1 6	3,395 15 2		...
3	Bombay Port Trust ...	...	Ghorapdeo Road ...	982·78	...	3 0 0	2,948 5 4		...
4	Mr. Sayana Venkati Lakha.	32-34	Kamatipura Centre Road.	41·85	12 0 0	12 0 0	502 3 2 160 0 0	Compensation for the old structure.	28 14 6
5	Mr. Sheik Fakrudin bin Sheik Mohidin.	43-47	Huzria Street ...	6·03	10 0 0	.....	60 4 9		...
6	Mr. Mathuradas Liladhar.	159-163	Bapty Road	7·00	10 0 0	.....	70 0 0		...
			Total ...	1,268·72			7,237 1 2		28 14 6

332. Ground added to Streets in Ward F.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate per square yard offered.	Rate per square yard accepted.	Amount including Collector's or Fazindar's dues.	Remarks.	Amount due to the Collector or Fazindar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Kababhai Virchand...	...	Dadar Road ...	172·25	3 8 0	.....	602 14 0		...
2	Mr. Maneckji Jamsetji Mistri	...	Parel Chawl Road	7·25	5 0 0	5 0 0	36 4 0 15 0 0	Compensation for compound wall.	...
			Total ...	179·50			654 2 0		...

333. Ground added to Streets in Ward G.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate per square yard offered.	Rate per square yard accepted.	Amount including Collector's or Fazindar's dues.	Remarks.	Amount due to the Collector or Fazindar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p
1	K. E. Ghamat, Esq., Barrister-at-Law.	.....	Between the junction of Portuguese Church Road and Bhandarwada Road.	62·00	3 0 0	.....	186 0 0		...
							80 0 0	Compensation for four cocoa-nut trees.	•
			Total ...	62·00			266 0 0		...

334. The following statement gives the particulars of land taken up for street improvement and their amounts of compensation :—

335. **Compensation paid during the Year.**

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinths, foundations, walls, or trees if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazindar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Bai Keservahoo, widow and Administratrix of Karsondas Valabhdas ...	.....	Dongersi Road...	55·24	4 0 0	230 15 4	.....	230 15 4	Including amount due to the Collector	0 0 3
2	The Collector of Bombay.	.....	Ardeshir Dady St.	31·00	20 0 0	620 0 0	.....	620 0 0		.....
3	Mr. Lalji Mawji... ...	.....	2nd Pinjrapole Lane	7·86	16 0 0	125 12 1	126 4 7	252 0 8		.....
4	Mr. Allarakia Bhalubhai..	.....	Dongri Street ...	7·36	45 0 0	331 8 2	.....	331 8 2	Including amount due to the Fazindar	8 9 2
5	Mrs. Flora S. D. Sassoon, Trustee of the Jewish Cemetery	.....	Grant Road ...	178·80	15 0 0	2,682 0 0	322 5 8	3,004 5 8		.....
6	Mr. Karimbux Ajmeri, constituted attorney for Mr. Elahibux Ajmeri ...	.....	Dhanji Street ...	11·00	10 0 0	110 0 0	.....	110 0 0	Including amount due to the Collector	0 2 1
7	Mr. Harischandra Trimbak...	.....	Old Sonapur Lane	20·09	10 0 0	200 14 4	.....	200 14 4		.....
8	Bai Kashibai, widow of Gopal Krishna Paranjpe.	.....	Girgaum Road ...	1·33	20 0 0	26 9 7	46 0 0	72 9 7		.....
9	Mr. Bechardas Murlidhar.	.....	Do. ...	33·46	20 0 0	669 3 2	192 5 11	861 9 1	Including amount due to the Collector ...	5 3 4
			Carried forward.	346·14		4,986 9 8	686 15 9	5,673 9 5		13 14 10

Compensation paid during the year for Land taken up for Street Improvement—*continued.*

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinths, foundations walls or trees if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Faziodar.
			Brought over ...	346·14	Rs. a. p.	Rs. a. p. 4,986 9 8	Rs. a. p. 686 15 9	Rs. a. p. 5,673 9 5		Rs. a. p. 13 14 10
10	Mr. A. J. Pereira, present Secretary to the Confraternity of the Blessed Sacrament	.....	Girgaum Road ...	93·27	15 0 0 *Less*	1,399 0 9 amount paid	..... in 1895-96 ...	1,399 0 9 1,317 6 11	..... Including amount due to the Collector	.... 2 11 9
								81 9 10		
11	Do. do. ...	.....	Agiary Street ...	36·93	50 0 0 *Less*	1,836 8 0 amount paid	114 8 0 in 1893-94 ...	1,951 0 0 1,934 2 11		....
								16 13 1	Do. Collector...	1 0 8
12	The Accountant General for the Trustees of the Sir Jamsetji Jijibhoy Baronet Fund	.....	Mazagon Road and Nesbit Ln.	211·00	.....	3,395 15 2	.....	3,395 15 2	Including amount due to the Faziodar	..... 12 15 7
13	Mr. Feleciano Leao ...	.....	Matarpakadi Rd.	19·06	5 0 0	95 4 9	31 11 0	126 15 9		
14	Mr. Fazalali Abdul Husein, constituted attorney for Bai Husenabu, daughter of Mr. Badrudin Hyderali	.....	Balu Sarang St...	2·81	30 0 0	84 4 9	112 0 0	196 4 9	Do. ...	2 2 7
15	Bai Bachubai Dossabhai Darasha Setna	.....	Girgaum Road ...	42·14	40 0 0	1,685 9 7	.....	1,685 9 7	Collector ...	3 8 3

16	Mr. Soloman Saleh Sasson.	.....	Rope Walk Street	13·35	60	0	0	801	0	0	350	0	0	1,151	0	0	Do.	...	4 15 2
17	Bai Bavabai, widow of Allana Musa	.....	Jakaria Musjid Street	3·18	30	0	0	95	6	4	.....			95	6	4	Fazindar	...	11 14 10
18	Mr. Gulamali Kayamali, constituted attorney for Mr. Kayamali Tayabali.	.....	Kamatipura Bazar Road ...	6·94	12	0	0	83	4	5	.....			83	4	5	Collector	...	4 13 1
19	Mr. Atmaram Bhasker Acharya	.....	Girgaum Road ...	22·17	20	0	0	443	6	4	164	9	5	850	2	11	Do.	...	6 14 5
			Kandewadi Lane.	22·22	10	0	0	222	3	2	20	0	0						
20	Mr. Haji Tar Mahomed Haji Abdul Latiff ...	.....	New Bengalpura Street	86·97	30	0	0	2,509	1	7	665	0	0	3,274	1	7	Fazindar	...	90 1 6
21	Mr. Rustomji Nowroji Doomassia, constituted attorney for Bai Soonabai, executrix of Nowroji R. Doomassia	.....	Girgaum Road ...	5·67	30	0	0	170	1	7	.....			170	1	7	Do.	...	8 5 5
22	Mr. Tricumji Mulji ...	.....	Do. ...	33·81	.....			4,000	0	0	With structure.			4,000	0	0	Collector	...	4 0 7
23	Mr. Burjorji Rustomji Modi, constituted attorney to Sir Dinshaw Maneckji Petit, Baronet.	.....	Nanabhai Lane...	32·50	20	0	0	650	0	0	.....			650	0	0	Do.	...	22 6 4
24	Mr. Krishnarao Moroba Kothare	.....	Girgaum Road ...	6·11	20	0	0	122	3	2	229	0	0	351	3	2	Do.	...	0 1 7
25	Mr. Pandurang Eknath Dharadhar, constituted attorney for Bai Sitabai, widow of Dwarkanath Appaji	.....	Do. ...	6·87	20	0	0	137	6	4	201	0	0	338	6	4	Do.	...	1 0 10
26	Mr. Hasambhai Vishram.	.....	Samuel Street & Pydhoni Road..	79·52	100	0	0	7,952	0	0	.....			7,952	0	0	Do.	...	55 3 4
27	Mr. Lalji Somji	.....	New Bengalpura Street	130·28	36	0	0	4,690	1	8	.....			4,690	1	8	Fazindar	...	85 9 9
28	Mr. Krishnarao Ganpat Naik	.....	Girgaum Road ...	50·83	20	0	0	1,016	9	7	420	2	8	1,436	12	8	Collector	...	1 0 8
			Carried forward.	1,251·77	.....			33,338	14	7	2,880	6	10	36,219	5	5			332 13 2

Compensation paid during the year for Land taken up for Street Improvement—*continued.*

No.	Names.	No. of Houses.	Locality.	Area in square yards.	Rate per square yard.	Amount.	Compensation for plinths, foundations, walls, or trees if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazindar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
			Brought over ...	1,251·77	.....	33,338 14 7	2,880 6 10	36,219 5 5		332 13 2
29	Mr. Baba Laxman ...	.....	Khetwadi Main Road	36·94	12 0 0	448 4 5	48 5 9	491 10 2	Including amount due to the— Collector ...	0 12 6
30	Mr. Ladhabhai Ebrahim...	.....	Nishanpada Road.	14·47	35 0 0	506 7 2	.....	506 7 2	Fazindar ...	10 8 2
31	Mr. Ramchandra Raghoba Kashikar, constituted attorney for his wife Bai Sitabai	.....	Girgaum Road ...	1·37	20 0 0	27 6 4	46 0 0	73 6 4	Collector ...	0 0 4
32	Mr. Jalbhai Ardeshir Sett and Nawroji Maneckji Sett, Surviving Trustees of the late Mr. D. M. Sett	.....	Chandanwadi Lane... ...	411·69	25 0 0	10,292 4 0	507 0 0	10,799 4 0	Do. ...	30 7 6
33	Messrs. Harkisondas Narotumdas and Bhogwandas Narotumdas ...	.....	Manordas Street...	5·61	30 0 0	168 4 9	.....	168 4 9	Do. ...	3 14 6
34	Bai Khatijabai, wife of Munshi Ahmedali ...	.....	Bapty Road, Stable Street and Kamatipura 2nd Street.	9·74	10 0 0	97 6 4	.....	97 6 4	Do. ...	7 4 8

35	Messrs. Horkisondas Narotumdas, Bagwandas Narotumdas, Kaliandas Keshavadas and Tulsidas Keshavdas	.....	Versova Street or Kamatipura 16th Street ...	39·36	5 0 0	199 4 9	.....	199 4 9	Do. ...	63 4 6	
36	Mr. Pherozsha Dadabhai Mistri for self and as constituted attorney of Mr. Hiraji Dadabhai Mistri, Sirinbai Dadabhai Mistri, Ratanbai D. Mistri and Jaiji D. Mistri	.....	Gola Lane ...	11·68	35 0 0	408 12 9	131 14 1	540-10 10	Do. ...	4 6 10	
37	Mr. Lala Ramprasad Mathuraprasad	.....	Junction of Falkland Road and Kawasji Patel Tank Road ...	27·68	70 0 0	1,937 9 7	.....	1,937 9 7	Do. ...	19 0 2	
38	Bai Halimabai, widow of Molu Haji Hassan and Mr. Jehangir Dorabji ...	.....	New Bengalpura Street	53·88	.....	2,700 0 0	With structure.	2,700 0 0	Fazindar ...	72 2 7	
39	Messrs. Harjivan Virji and Damodar Kalianji ...	.....	Kalbadevi Road..	20·85	70 0 0	1,459 8 0	.....	1,459 8 0	Collector ...	2 1 4	
40	Mr. Framji Jamsetji Kathoke, constituted attorney of Mr Jamsetji Framji Kathoke ...	.....	Parsi Bazar Street	19·09	30 0 0	590 11 2	.....	590 11 2	Do. ...	16 0 3	
41	Mr. Ratansi Damodar ...	.....	Fanaswadi Lane..	15·04	15 0 0	225 9 7	428 1 3	653 10 10	Do. ...	1 13 2	
42	Mr. Jamsetji Naserwanji Modi	.....	Nepean Sea Road.	53·28	10 0 0	532 12 9	.....	532 12 9	.....	.....	
43	Bai Kharsetbai Fardunji Framji Budhala ...	.....	Girgaum Road ...	4·44	36 0 0	159 13 5	78 13 11	238 11 4	Including amount due to the— Collector ...	0 6 3	
			Carried forward.	1977·99	.....	53,988 1 7	4,120 9 10	57,208 11 5		563 15 11	

Compensation paid during the year for Land taken up for Street Improvement—*continued.*

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinths, foundations, walls or trees, if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
			Brought over...	1977·99	.....	53,088 1 7	4,120 9 10	57,208 11 5		563 15 11
44	Mr. Framji Pallonji Pochkhanawala	.....	Khetwadi Main Road	27·29	12 0 0	327 7 8	.....	327 7 8	Including amount due to the Collector ...	0 8 4
45	Mr. Sayana Venkati Lakha.	32-34	Kamatipura Centre Road ...	41·85	12 0 0	502 3 2	160 0 0	662 3 2	Do. do. ...	28 14 6
46	Mr. Pestonji Dinshaw Ghaswalla, constituted attorney for his wife Bai Shirinbai	.....	Khetwadi 12th Cross Lane ...	10·37	7 0 0	72 9 5	212 0 0	284 9 5	Do. Fazandar...	9 2 4
47	Mr. Augusto M. Pinto ...	.....	Gun Carriage Road	33·31	12 0 0	399 11 6	65 0 0	464 11 6	Do. Collector...	26 0 8
48	Mr. Vinayek Meghasham Navalkar	.....	Khetwadi Main Road	64·51	12 0 0	774 1 11	69 0 0	843 1 11	Do. do. ...	1 11 1
49	Messrs. Dorabji Jamsetji Limbuwalla and Pestonji Jamsetji Limbuwalla on account of Fazandari rental for Bai Gulbai's property purchased by the Municipality ...	.....	1st Marine Street.	.....	.....	161 8 0	.....	161 8 0	.....	.....
50	The Secretary, Bombay Port Trust	.....	Ghorupdeo Road..	982·78	3 0 0	2,948 5 4	.....	2,948 5 4	.....	.....

51	Messrs. Jafferbhai Rahimtulla and Gulam Husein Muraj	.....	Nepean Sea Read.	457·09	10	0	0	4,570	14	4	56	0	0	4,626	14	4	Including amount due to the Collector ...	11	11	6
52	Mr. Adamji Peerbhoy ...	.....	Forjett Street ...	537·84	6	0	0	9,227	0	7	794	5	5	10,021	6	0	Do. do. ...	4	15	2
53	Mr. Kavasji Dinsha Wadia	.....	Khetwadi 4th Lane	4·78	10	0	0	47	12	9	.....			47	12	9	Do. do. ...	3	4	1
54	Bai Umerbai, widow of Bhanji Meghji and Bai Kulsambai, widow of Khan Mahomed Bhanji, guardian of the person and property of Mr. Jafferkhan Mahomed ...	.....	Nishanpada Road and Old Nagpada Street	10·39	15	0	0	154	5	7	.....			214	11	11	Do. Fazandar...	18	10	0
				6·04	10	0	0	60	6	4	.....									
55	Mr. Mahomedali Adamji constituted attorney of Mr. Adamji Bhaiji ...	118-120	Dongri Street ...	17·01	45	0	0	765	7	2	.....			765	7	2	Do. Collector...	11	11	6
56	Mr. Haji Ebrahim Haji Mahomed	.....	Huzria Street ...	3·67	7	0	0	25	11	0	.....			25	11	0	Do. do. ...	2	7	7
57	Mr. Hirjibhai Allarakhia...	2-6	3rd Dontar Street	133·58	40	0	0	5,343	3	2	.....			5,343	3	2	.....	.....		
58	Messrs. Valli Mahomed Peer Mahomed and Dost Mahomed Peer Mahomed	.....	Kika Street ...	33·69	50	0	0	1,684	8	0	.....			1,684	8	0	Including amount due to the Collector ...	0	14	7
59	Mr. Naserwanji Dorabji ...	.....	Dhanji Street ...	25·81	12	8	0	322	10	0	.....			459	5	2	Do. do. ...	0	6	8
				13·67	10	0	0	136	11	2	.....									
60	Mr. Anant Shivaji Desai...	.....	2nd Agiary Lane.	13·22	60	0	0	793	3	2	.....			793	3	2	Do. Fazandar...	28	2	1
61	Mr. Jamasji Ratanji Mistri and Bai Navazbai, widow and Administratrix of the property and credits of Fakirji Ratanji Mistri	.....	Kawasji Patel Street	5·67	35	0	0	198	7	2	.....			198	7	2	Do. Collector...	3	14	6
			Carried forward.	4400·46	.....			81,604	5	0	5,476	15	3	87,081	4	3		716	6	1

Compensation paid during the year for Land taken up for Street Improvement—*continued.*

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinths, foundations, walls, or trees, if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazandar.
			Brought over ...	4400·46	Rs. a. p.	Rs. a. p. 81,604 5 0	Rs. a. p. 5,476 15 3	Rs. a. p. 87,081 4 3		Rs. a. p. 716 6 1
62	Mr. Manmohandas Kashidas, Secretary of the Panjrapole Institution...	...	Junction of 1st Panjrapole Street and Kawasji Patel Tank Road ...	17·53	16 0 0	280 7 8	100 0 0	2,351 10 10	.....	.....
			Junction of Panjrapole Road and 1st Panjrapole Street ...	58·51	20 0 0	1,170 3 2	701 0 0			
63	The Collector of Bombay, capitalized value for land taken up from the property of Mr. Jetha Purshotum	.....	Old Nagpada Street, Bhendi Bazar Road ...	.....	.....	2 5 6	.....	2 5 6	.....	.....
64	The Collector of Bombay capitalized value due to Government	.....	Khetwadi Back Road	.....	.....	9 14 4	.....	9 14 4	.....	.....
65	The Collector of Bombay for survey performed in 1896-97	.....	.....	.....	.....	40 0 0	.....	40 0 0	.....	.....
66	Messrs. Mulji Bhawanidas Barbhaya and Tulsidas Lallubhai Modi ...	.....	Ridge Road ...	8·07	8 0 0	64 9 0	.....	64 9 0	Including amount due to the Collector	0 8 4

67	The Government of Bombay.	281	Abdul Rehman Street	40·64	125	0	0	5,080	0	0	659	0	0	5,739	0	0	..... Including amount due to the Collector	.....
68	Mr. Jivrajbhai Ladha ...	.....	Musjid Bunder Road	98·00	150	0	0	14,700	0	0	1,071	14	0	15,771	14	0		0 8 4
69	Mr. Bomanji Jijibhoy ...	.....	Vanka Mohalla ...	3·55	10	0	0	35	8	0	.....			35	8	0	.....	.....
70	The Collector of Bombay, capitalized value for land taken up from the property of Bai Dhanbai, Bai Jerbai, Bai Kuverbai and Bai Sirinbai, Surviving heiresses of Mr. Maneckji N. Kapadia	.....	Police Court Lane	.....	.....			20	5	0	.....			20	5	0	.....	.....
71	The Collector of Bombay, capitalized value for land taken up from the property of Messrs. Mulji Bhawanidas Barbhaya and Tulsidas Lallubhai Modi	.....	Ridge Road ...	.....	.....			0	8	4	.....			0	8	4	.....	.....
72	The Collector of Bombay, capitalized value for land taken up from the property of Mr Sayana Venkati Lakha	.....	Kamatipura Centre Road ...	.....	.....			28	14	6	.....			28	14	6	.....	.....
73	The Collector of Bombay, capitalized value for land taken up from the property of Mr. Augusto M. Pinto...	.....	Gun Carriage Road	.....	.....			26	0	8	.....			26	0	8	.....	.....
			Carried forward...	4626·76	.....			1,03,063	1	2	8,008	13	3	1,11,071	14	5		717 6 9

Compensation paid during the year for Land taken up for Street Improvement—*continued.*

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinths, foundations walls or trees, if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
			Brought over...	4626·76	.....	1,03,063 1 2	8,008 13 3	1,11,071 14 5		717 6 9
74	The Collector of Bombay, capitalized value for land taken up from the property of Mr. Vinayak Meghasham Navalkar...	.....	Khetwadi Main Road	.....	.....	1 11 1	.....	1 11 1	.....	.....
75	Departmental works, Roads and Buildings, Filling Babula Tank in September 1897	.....	.....	.....	.....	23 4 0	.....	23 4 0	.....	.....
76	The Collector of Bombay, capitalized value for land taken up from the property of the Society of St. John the Evangelist	.....	Babula Tank Road	.....	.....	0 6 3	.....	0 6 3	.....	.....
77	The Collector of Bombay, capitalized value for land taken up from the property of Messrs. Jafferbhai Rahimtulla and Gulam Husein Muraj	.....	Nepean Sea Road	.....	.....	11 11 6	.....	11 11 6	.....	.....

78	The Collector of Bombay, capitalized value for land taken up from the property of Mr. Adamji Peerbhoy	.....	Forjett Street ...	.....	.....	4 15 2	.....	4 15 2	.....	.....
79	The Collector of Bombay, capitalized value for land taken up from the property of Mr. Kavasji Dinsha Wadia	.....	Khetwadi 4th Lane	.....	.....	3 4 1	.....	3 4 1	.....	.....
80	The Collector of Bombay, capitalized value for land taken up from the property of Mr. Adamji Bhaiji	.....	Dongri Street ...	.....	.....	11 11 6	.....	11 11 6	.....	.....
81	The Collector of Bombay, capitalized value for land taken up from the property of Mr. Haji Ebrahim Haji Mahamad.	.....	Huzria Street ...	.....	.....	2 7 7	.....	2 7 7	.....	.....
82	The Collector of Bombay, capitalized value for land taken up from the property of Mr. Nassarwanji Dorabji	.....	Dhunji Street ...	.....	.....	0 6 3	.....	0 6 3	.....	.....
83	The Collector of Bombay, capitalized value for land taken up from the property of Mr. Fakirji Ratanji Mistri	.....	Cavasji Patel Street	.....	.....	3 14 6	.....	3 14 6	.....	.....
			Carried forward,	4626·76	.....	1,03,126 13 1	8,008 13 3	1,11,135 10 4		717 6 9

Compensation paid during the year for Land taken up for Street Improvement—*concluded.*

No.	Names.	No. of House.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinths, foundations, walls or trees, if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
84	The Collector of Bombay, capitalized value for land taken up from the property of the late Mr. Vandravandas Purshotumdas	.....	Brought over...	4626·76	.....	1,03,126 13 1	8,008 13 3	1,11,135 10 4	.....	717 6 9
			Dongri Street ...	.....	.....	15 1 8	.....	15 1 8	.....	.....
			Total...	4626·76	.....	1,03,141 14 9	8,008 13 3	1,11,150 12 0		717 6 9
							Deduct—Amount due to the Collector or Farzindar ...	717 6 9		
								1,10,433 5 3		
							Add—Amount paid in 1897-98 and adjusted during the year 1898-99 ...	814 7 3		
							Amount actually paid during the year ...	1,11,247 12 6		

336. Compensation for Land taken up for Street Improvement during the year but not paid for.

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinths, foundations, walls or trees, if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazindar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Bai Jinabai, widow of Shaik Jabar Shaik Ebrahim ...	...	Huzria Street.	2·56	7 0 0	17 14 9	.....	17 14 9	Including amount due to the Collector.	1 13 2
2	Messrs. Abdul Husein Ebrahim, Merwanji M. Cama and Hormusji M. Cama ...	...	Duncan Road .	22·72	15 0 0	340 12 9	.....	340 12 9	Do. ...	16 2 4
3	Mr. Ebji Umarsy	...	Curry Road ...	81·00	5 0 0	405 0 0	.....	405 0 0	Do. ...	1 15 3
4	Bai Vasanbai, widow of Narsi Valji...	...	Sonapur Lane.	54·41	10 0 0	544 1 7	.....	544 1 7	Do. Fazindar.	62 12 2
5	Bai Cooverbai Vandravandas, Runchordas Vandravandas, Devidas Vandravandas and Damoder Vandravandas, Executors of the Will of the late Mr. Vandravandas Purshottamdas	...	Dongri Street .	22·00	90 0 0	1,980 0 0	458 4 0	2,438 4 0	Do. Collector.	15 1 8
6	Bai Gangabai, wife of Kashinath Moroba Mantri ...	...	Kandewadi Lane ...	26·26	10 0 0	262 9 7	173 6 5	436 0 0	.....	.....
			Carried forward	208·95	.....	3,550 6 8	631 10 5	4,182 1 1	.....	97 12 7

Compensation for Land taken up for Street Improvement during the year but not paid for—*concluded.*

No.	Names.	No of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinths, foundations, wall's or trees, if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazindar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
			Brought over...	208·95	.....	3,550 6 8	631 10 5	4,182 1 1	.....	97 12 7
7	Bai Luxmibai, widow of Fakir Ganu Kule	...	Kumbharwada Street ...	9·01	4 0 0	36 0 7	.....	36 0 7	Including amount due to the Collector.	6 4 0
8	Mr. Gosawi Shivgar Dayagar	...	Khetwadi 9th Lane ...	8·26	10 0 0	82 9 7	.....	82 9 7	Do. do.	5 11 8
9	Mr. Gulam Husein Mahomedalli Daya	...	Bapty Road ...	4·88	10 0 0	48 12 9	.....	48 12 9	Do. do.	5 11 8
10	Mr. Krishnarao Moroba Kothare, Executor of Mr. Atmaram Ramchandraji...	...	Girgaon Road.	1·00	20 0 0	20 0 0	52 0 0	72 0 0	.....	.....
11	Rev. Robert Lay Page, Revd. John Wooldridge Biscoe and Revd. Edmund Kershaw, Trustees of the Society of St. John the Evangelist	65-67	Babula Tank Road ...	32·96	17 8 0	576 12 9	10 0 0	586 12 9	Including amount due to the Collector.	0 6 3
	Total ...			265·06		4,314 10 4	693 10 5	5,008 4 9		115 14 2

MUNICIPAL GROUND SOLD.

337. The following statement shows the pieces of ground belonging to the Corporation, sold to private parties and the values of which were paid for during the year 1898-99 :—

Nos.	Names of Purchasers.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Sanction from			
						Commissioner.		Corporation.	
						Letter No.	Date.	Reso. No.	Date.
				Rs.	Rs. a. p.				
1	Mr. Mulji Bhavanidas Barbhaya and Tulsidas Laloobhai Mody.	Ridge Road	45·07	8	360 9 0	21144	18th November 1897.	...	...
2	Mr. Oosman Jamal	Bellasis Road	4·58	10	45 12 10	2814	9th May 1898.	...	...
3	Bai Gomtibai	Fort Street	10·63	45	478 5 7	11193	4th Aug. 1898.	...	...
4	Khan Sahib Pallonji Pestonjee Raghina.	Matarpakhady Road ...	8·72	5	43 9 7	16488	26th September 1898.	...	...

Note.—No land was exchanged during the year 1898-99.

F

ROADS, FOOT-PATHS, &c.

REPAIRS AND MAINTENANCE :—

	Paras.
Road Repairs	338 to 342
Road Metal	343 and 344
Road Watering	345 to 347
Steam Rollers	348
Footpaths	349
TRAMWAYS	350

Road Repairs.

338. The road repair works during the year under review were carried out under considerable difficulties. In the first place so large a sum as Rs. 60,000 was held back from the Road Repair Grant to meet Plague expenditure during the Monsoon, which is just the time when such repairs can be efficiently and economically executed. Permission was, however, granted in the following November to utilize the sum held back, but it was not possible to utilize it to the fullest extent owing to the difficulty in obtaining labor and material.

339. The total expenditure was Rs. 3,12,759-3-4 leaving an unexpended balance of Rs. 27,240-12-8.

340. It is needless for me to reiterate what has been stated in my last report that if the City roads are to be kept in a satisfactory condition, a larger grant than that usually allowed should be made. While the number and extent of new roads increase the amount for repairs remains the same. This is obviously unfair to the roads.

341. The following is a statement of the items of works executed from the budgetted amount of Rs. 3,40,000 for Road Repairs and Maintenance:—

Particulars.	Quantity of work done.	Expenditure.
		Rs. a. p.
Metalling	70,90,194 s. ft.	2,24,332 15 4
Sandstoning	25,79,626 „	16,264 13 4
Scraping	.....	35,328 5 10
Repairs and Maintenance of footpaths, bridges, culverts and road side retaining walls, &c....	.....	8,949 11 5
Roadside trees, fencing and maintenance ...	.....	3,884 4 0
Repairs to and purchase and maintenance of tools and plant and other works incidental to the work of repairs to roads, footpaths, &c.	.....	23,999 1 5
	96,69,820 s. ft.	3,12,759 8 4
Unexpended Balance ...		27,240 12 8
Total sanctioned grant ...		3,40,000 0 0

342. The area of roads metalled being 70,90,194 square feet and the expenditure incurred upon the same being Rs. 2,24,333, the rate for metalling only works out to 6 pies per square foot.

Road Metal.

343. The total quantity of metal purchased during the year under report was 1,161,502·43 cubic feet at a cost of Rs. 77,640-12-1.

344. Considerable difficulty is generally experienced in obtaining metal of the contract size and of uniform dimensions. This difficulty cannot be obviated unless the metal is broken by means of stone crushing machines. To secure this end the contract should not be for one year, but should extend over at least three years to induce the contractors to invest money in purchasing suitable machines.

Road Watering.

345. The City roads were satisfactorily watered during the year under review. The grant under this head was Rs. 85,400 which included Rs. 10,000 for providing road watering hydrants. The latter sum was also held back till November, when permission was accorded to utilize it.

346. Owing to the lateness in sanctioning the above grant it has not been possible to utilize it to the full extent, and Rs. 4,045-10-9 only were expended under this head. The work is still in progress and the balance will be fully utilized during the next year.

347. The new system of watering has proved satisfactory, and it is hoped that an annual grant will be made in future in extending it to other parts of the City.

Steam Rollers.

348. The following statement shows the condition of the various Steam Rollers at the end of the year :—

Ward.	No. of Steam Roller	Weight in Tons.	Date of Manufacture.	Condition.
A	1	20	1891	Good.
D	2	15	1891	Good.
A	3	15	1870	This roller was sold on March 14th, 1899, *vide* Standing Committee's Resolutions No. 10668 of 22nd February 1899 and 11975 of 22nd March 1899.
E	4	12½	1891	Good.
B	5	12½	1888	Good.
C	6	10	1891	Good.
E	7	10	1879	A new boiler has been made and the roller is being re-erected.
A	8	10	1874	Good.
B	9	10	1874	Good.
C	10	8	1888	Good.
D	11	8	1888	Good.
B	12	8	1888	Good.
B	13	8	1889	Good.
G	14	8	1889	Good.
E	15	8	1889	Good.
F	16	8	1889	Good.
B	17	8	1880	Good.
A	18	8	1880	Good.
D	19	8	1874	This roller was sold on March 14th, 1899, *vide* Standing Committee's Resolutions No. 10668 of 22nd February 1899 and 11975 of 22nd March 1899.
G	20	8	1880	New pin-box being fitted.
A	21	6	1894	Good.
D	22	6	1894	Good.

Foot-paths.

349. No grant was made for paving foot-paths during the year under review, owing to financial difficulties. It is hoped, however, that a large grant will be made for this purpose during the next year, as it is very essential on sanitary grounds, as well as on grounds of public convenience, that the foot-paths should be properly paved. The natives of the lower classes being in the habit of throwing foul water from their residences on to the foot-paths the earthen foot-paths absorb this in them rendering them unhealthy, un-even and unfit for use.

Tramways.

350. The Tram Lines at the Junction of Cruickshank, Kalbadevi, and Girgaum Roads were renewed during the current year.

G.

PUBLIC LIGHTING.

	Paras.
GAS LIGHTING	351 and 352
KEROSINE OIL LIGHTING	353 to 355
THE ELECTRIC LIGHTING	356 to 363

GAS LIGHTING.

351. The total number of gas lamps in the city at the end of the year under report was 3,873 as detailed in the following statement, and the total cost has been Rs. 2,17,874.

Ward.	Single light		Double lights				Triple lights.		Quadruple lights.		Quintuple lights.					Total Number of Lamps.
	Part month.	Whole month.	Apollo Pier.	Free Fortnightly	Wellington Fountain	Kharagpur Mission Staff Sta.	Part month	Whole month.	Apollo Pier	Victoria Docks.	Hornby Road.	Queen's Statue.	Church Gate Street.	Mint Road.	Princess Dock.	
A.....	727	159	8	8	8	...	2	1	8	...	1	4	1	1	...	928
B.....	471	196	...	..	...	...	1	...	...	4	...	...	...	...	1	673
C.....	430	211	...	...	...	...	...	1	...	...	...	...	...	...	...	642
D.....	62[illegible]	49	...	...	...	...	7	...	...	...	...	...	...	...	...	681
E.....	463	88	...	...	...	4	2	...	...	...	...	...	...	...	...	557
F.....	113	10	...	...	...	...	1	...	...	...	...	...	...	...	...	124
G.....	126	16	...	...	...	...	...	...	...	...	...	...	...	...	...	142
Total ...	2,955	729	8	8	8	4	13	2	8	4	1	4	1	1	1	3,747
Number of burners.	2,955	729	16	16	16	8	39	6	32	16	5	20	5	5	5	3,873

352. The minimum contract pressure and illuminating power were generally maintained throughout the year.

KEROSINE OIL LIGHTING.

353. As in the preceding years the Kerosine oil lighting was carried out departmentally and Snow Flake Kerosine Oil of 150° proof test was used.

354. The total number of Kerosine Oil lamps in the City at the end of the year under review was 1,769 as shown in the following statement :—

WARD.	Double Wick.		Single Wick.		Total.
	Part month.	Whole month.	Part month.	Whole month.	
A	...	...	89	16	105
B	...	...	128	48	176
C	...	1	32	98	131
D	26	...	106	39	171
E	2	...	334	131	467
F	...	...	393	2	395
G	...	...	250	74	324
Total ...	28	1	1,332	408	1,769

355. The total cost of Kerosine Oil lighting during the year under review was Rs. 36,247-12-7. Deducting from this Rs. 2,857-15-4 recovered by the sale of empty Kerosine Oil cases with tins and Rs. 2,457-11-3 for Departmental bills for lighting plague camps, &c., the net cost of Kerosine Oil lighting of the City, during the year has been Rs. 30,932-2-0 which gives for the 1,769 lamps, a rate of Rs. 17-7-9 per lamp per annum.

THE ELECTRIC LIGHT INSTALLATION FOR THE CRAWFORD MARKETS AND THE MUNICIPAL OFFICE.

356. The installation worked fairly well during the year. There was one serious failure of the arc lights in the Crawford Markets shortly after the lamps were started on the night of February 14th, owing to the burning out of the left hand field magnet coil of the dynamo. This necessitated a stoppage of the lights for the remainder of the night. There were also three minor stoppages of a few minutes duration due to defects in the dynamo and the lamps.

357. There was one short stoppage of the Market Clock Tower lights on account of a broken belt.

358. In the Municipal Office there was no failure of the lights throughout the year.

359. With a plant which is in no part in duplicate it is practically impossible to prevent occasional break downs, and the above record of failures can not be considered in any way excessive.

360. A new Armature for the Clock Tower dynamo was purchased from Messrs. John Fleming & Co., at a cost of Rs. 346, and two new link leather belts for the Municipal Office and Market dynamos were obtained from Messrs. Shallis and Duncan at a cost of Rs. 366-6-0.

361. A new cable was also laid under the road between the engine room at the Workshops and the Crawford Markets for the arc lamp service at a cost of Rs. 173-15-3.

362. Owing to the unusually heavy maintenance and renewal charges and to extra lighting in the Municipal Office, the expenditure could not be kept within the apportionment of Rs. 10,947 for the work, and the Corporation under their Resolution, No. 10115, of 9th February 1899, approved of the transfer of Rs. 1,100 from savings in the grant for Gas Lighting, Streets and Buildings Department to meet the excess in the electric lighting.

363. The actual total expenditure amounted to Rs. 11,898-9-0.

H.

MUNICIPAL WORKSHOPS.

	Paras.
MONTHLY EXPENDITURE, &c.,...	364 to 369
Departmental Works	364 & 365
Stores jobs...	364 & 365
Shop charges	364 & 365
Tools and repairs to machinery	364 & 365
Supervision charges	364 & 365
Profit on private works, hire of Workshops Pumping Engine, sale of sawdust, &c.	364 & 365
Balance	364 to 366
Ground rent payable to Government	367
Water tax debited to Workshops Grants	368
Stores grant supplemented by a transfer	369
WORKS EXECUTED AT THE WORKSHOPS ...	370 & 371
REPAIRS, &c., EXECUTED TO :—	
Rolling stock of Road and Health Departments ...	372 to 378
Love Grove Pumping Station machinery ...	372
Electrolizing machinery	372
Colaba Air Compressor Station machinery ...	372
Steam Rollers	372
Fire Engines	372
Electric Light machinery	372
Garlick Incinerator	372
Gully Flushing Engines	372
ESTABLISHMENT	379
HYDRAULIC LIFT IN THE MUNICIPAL OFFICE	380

No. 4. This statement gives the monthly expenditure, earnings, charges, &c., on account of work done and establishment entertained at the Municipal Workshops during the year.

MONTHLY EXPENDITURE, &c.

Statement showing the Monthly Expenditure, Amounts charged, &c., on account of Work done and Establishment entertained at the Municipal Workshops during the year 1901-02.

Period and Title.	Government Works, &c.								Private Jobs.				Hire Charges.				Tools and Repairs Stations.			Superintendence.							Total Workshop Charges for Year.	Difference between Total Workshop Charges and Earnings.	
	Labour.	Stores and Contingencies, &c.	Stores.	Total.	Amount of Establishment, &c., charged to Jobs.	Portion of Establishment, &c., charged to Tools.	Proportion of Establishment, &c., charged to Hire Charges.	Total.	Labour.	Stores.	Total.	Amount Charged.	Labour.	Establishment, &c., charged to Jobs.	Stores.	Total.	Labour.	Establishment, &c., charged to Jobs.	Total.	Workshop Establishment.	Clerical Establishment.	Office Establishment.	Stores.	Work.	Total.			
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
March 1899																												
April																												
May																												
June																												
July																												
August																												
September																												
October																												
November																												
December																												
January 1900																												
February																												
Total Departmental Works, &c.																												
" From Jobs																												
" Tools and Repairs Stations																												
" Superintendence																												
" Interest on Capital expended																												
" Percentage charged on gross Earnings																												
Total Amount(s) on during the year 1901-02																												
Balance Outstanding on Jobs at the end of the year																												
Expenditure (1) Total Net Workshop Charges for the year 1901-02																												
Add Amount of Interest on Capital expended																												
Total, Rs.																												
Deduct Amount of Interest on Capital expended																												
Total Amount of Workshop Charges for the year																												

Average number of men employed ... Clerical Staff ...

Average number of Workmen ...

Amount realized by sale of Scrap, &c. ...

Amount realized by sale of Materials ...

Workshop Charges for repairs to Rs. ... Tools (Schedule ...)

Credit on Charges for Engine Nos. ... &c. ...

Total ... Rs.

Balance in favour of Workshops ...

Total ... Rs.

365. From this statement it will be observed that the expenditure incurred under the different heads of the Workshops Accounts was as follows :—

			Rs. a. p.	Rs. a. p.	
For Departmental Works, &c.—					
Labour			33,184 2 6		
Stores			63,850 4 9		
Piece-work, cart-hire, &c.			1,094 4 6		
	Total ...			98,128 11 9	
For Workshop Stores—					
Labour			650 6 6		
Stores			3,263 1 7		
	Total ...			2,913 8 1	
For Shop Charges—					
		Rs. a. p.			
Labour		992 15 6			
Stores		9,336 6 6			
Piece-work, contingencies, water tax, &c.		1,557 4 3			
	Total ...		11,886 10 3		
For Tools, Repairs to Machinery, &c.—					
Labour		109 3 0			
Stores		217 1 5			
Piece-work		27 0 0			
	Total ...		353 4 5		
For Supervision Charges, Establishment, &c.—					
Establishment		8,454 14 1			
Stores		.....			
Contingencies		567 11 8			
	Total ...		9,022 9 9		
Total Working Expenditure ...				21,262 8 5	
Total Expenditure during 1898-99 was Rs. ...				1,22,304 12 3	

	Rs. a. p.	Rs. a. p.
The total expenditure during 1898-99 on account of Departmental works, &c., and for store jobs aggregated, with the percentage for supervision, shop charges, &c., to	.....	1,35,150 4 7
Add—Amount of incomplete jobs at the beginning of the year 1898 99	.....	6,235 14 4
		1,41,386 2 11
Deduct—Amount of incomplete jobs at the end of the year 1898-99	.....	15,324 6 3
Thus the total amount of bills preferred by the Workshops in 1898-99 was	.....	1,26,061 12 8

PERCENTAGE FOR SUPERVISION, SHOP, REPAIR CHARGES, &c., GROUND RENT AND WATER SUPPLY.

The actual charges for working the Shops, &c., for supervision (exclusive of the pay of the Assistant Engineer, Mechanical Branch, which was in former years charged to the workshops, but now debited to the Executive Engineer's Office Establishment) shop and repair charges, repairs to and purchase and renewal of tools and machinery, &c., amount to	.....		21,262 8 5
The amount recovered on account of the abovementioned expenses by charging the fixed percentage of 35 per cent. on the cost of labour employed and materials used for works executed at the Shops and 25 per cent. for fixing the fence on the sides of Railway Line from Coorla to Dadar	33,858 13 9	.....	
The difference between the actual cost of working the Municipal pumping engine and the fixed charges at which it was let on hire to private parties and for Departmental works was	157 8 1	.....	
The percentage on private works executed was ...	31 10 11	.....	
Amount realized by the sale of unserviceable and surplus articles was	1,233 2 2	.....	
Allowance for stationery, &c., for the Garlick's Incinerator	60 0 0	.....	
Amount realized by the sale of saw-dust	5 0 0	.....	
The balance in favor of Workshops was therefore ...	.....		14,083 10 6
Total Rs. ...	35,346 2 11		35,346 2 11

366. The balance or surplus in favour of the Workshops amounting to Rs. 14,083-10-6 compares favourably with the balances of the previous 5 years which were as follows :—

Year.	Balance or profit.	REMARKS.
	Rs. a. p.	
1893-94	6,148 15 9	
1894-95	5,272 9 8	
1895-96	6,990 6 3	Ground rent amounting to Rs. 102-8-7 per annum paid to Government out of profits.
1896-97	8,974 4 3	
1897-98	1,141 3 4	Ground rent amounting to Rs. 5,508-12-10 paid to Government out of profits.

367. Pending the settlement of the amount of rent payable to Government for the ground occupied by the Workshops Stores and Grant House, no rent was paid during the year under review. This accounts for the large increase in the profits as compared with the previous year. The balance is principally due to the reduced shop charges consequent on the saving effected by the new engine purchased for driving the machinery in 1897 and also on account of the value and amount of stores used for the execution of new works being larger than usual.

368. Charges for water consumed at the Workshops from 1st October 1897 to 30th September 1898 amounting to Rs. 1,441-5-3 were credited to the Municipal Fund and were met out of the grant for Stores and Water Supply.

369. This grant owing to unforeseen works had to be supplemented by an additional grant of Rs. 30,000 which was met from Surplus Cash Balance, *vide* Corporation Resolution No. 9004 of 12th January 1899. The above sum was not fully utilized as certain materials for works in progress which had to be ordered by the hardware Contractors from England, did not arrive until after the closing of the accounts.

NEW WORKS EXECUTED AT THE WORKSHOPS.

370. The following are the principal items of new works completed during the year :—

Description of Work.	Cost of Work.
	Rs. a. p.
Fixing electrical transmission plant for pumping sea water for electroliser	1,342 5 4
Constructing a corrugated iron shed at the Sankli Tank Fire Brigade Station	4,048 10 10
300 Drain cleaning rods	294 5 6
Providing and fixing iron and wood work of Kutchra loading platform at Mahalaxmi	18,975 8 8
12 Wooden hand carts	1,097 9 3
Erecting a disinfecting Chamber with shed at Byculla Camp	379 8 1
20 W. I. Chairs and 40 Standards for the Tank Bunder burial ground	518 12 5
Erecting a corrugated iron screen between the temporary Chals and the Gun Carriage Factory at Colaba as a protection against fire	900 12 6
14 Iron stand-pipes to fit new pattern hydrants for Health Department...	431 0 1
1,000 Wooden number pegs for the Haines Road Cemetery	363 7 8
6 Hand carts for the removal of dead bodies	590 7 0
2 Penstocks for the Mint Road Catch pit	1,064 5 5
Flushing cart for the Drainage Department	269 9 6
Providing and fixing 2 pairs of level crossing gates at Chimboor for the Kurla-Deonar Railway	673 6 1
Inspectors trolly for do.	301 13 7
100 Wooden pumps for Plague work...	313 7 9
Conservancy cart for mule draft	208 6 10
Fixing new iron plates to the stalls in the Arthur Crawford Beef Market	700 0 0
Total ...	32,473 8 6

371. The following are the principal items of new work commenced but not completed during the year :—

Description of Work.	Estimated Cost.	Expenditure up to 28th February 1899.
	Rs. a. p.	Rs. a. p.
Providing and fixing new shred-lifters at the Love Grove Pumping Station	4,746 0 0	3,097 13 0
Providing and fixing 4 pairs of new sluice gates for the Love Grove sluices	7,345 0 0	3,717 5 6
Providing and fixing a fence alongside the Kurla-Deonar Railway	About 24,000 R. ft. at 9 annas per R. ft. 13,500 0 0	6,077 8 6
Making 137 dust-bin carts	13,700 0 0	2,422 3 6

REPAIRS EXECUTED.

372. Besides the above works, the Workshops have continued to keep in repair the rolling-stock of the Health and Road Departments, as well as the numerous articles of plant and machinery used by the various Departments.

373. Great difficulties were again experienced in keeping the rolling-stock of the Health and Road Departments at work during the height of the third plague epidemic on account of the absence of workmen.

374. The fair weather season is the only time in which wooden wheels can be satisfactorily manufactured, but during the last two years the arrears of work have had to be made up in the monsoon when the wood is damp and swollen, with the consequence that in the dry season they all give trouble by shrinkage.

375. It may be noted that on the completion of the 137 new dust-bin carts which were ordered late in the year, there will be over 2,000 pairs of wheels in regular work in the several Departments of the Municipality. The maintenance of these wheels forms a work of no inconsiderable magnitude and there is no doubt that the substitution of machine work for their manufacture, in place of hand labour which is at the present time so unreliable and scarce, would effect some saving in more than one direction.

376. A commencement has been made by including the cost of wheelwright machine of the latest type in the budget for 1899-1900, and as the item has been passed it is hoped that the machine will shortly be obtained and set to work.

377. From 1st March 1892 up to the present time 307 carts and vehicles of all descriptions, inclusive of those now on order, have been added to the Municipal stock, and considerable difficulty has been experienced for some time on account of insufficient shop accommodation for their repairs.

378. The unsettled question of tenancy of the ground occupied, has prevented this want being anticipated in any way but as there does not appear to be any prospect of an early settlement of the matter, it is imperative that the carpenter's and wheelwright's shop should be enlarged without further delay and proposals for effecting this will be shortly submitted.

ESTABLISHMENT.

379. The death on February 23rd of Mr. Hormasji Nusserwanji Maistry, Carpenter Foreman, is recorded with great regret. Mr. Hormasji had been connected with these workshops since December 1866 and on account of his intimate acquaintance with the working of the carpenter's shop and his exceptional integrity, his services will be difficult to replace.

HYDRAULIC LIFT IN THE MUNICIPAL OFFICES.

380. The Hydraulic Lift worked satisfactorily during the year. The total expenditure incurred amounted to Rs. 1,679-10-7 against the budget grant of Rs. 1,700.

I.

GENERAL.

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CONTRACTS EXECUTED FOR, AND DURING THE YEAR 1898-99.

381. The following statement gives particulars of the Contracts entered into for and during the year 1898-99, for annual and other supplies and for the construction of various works :—

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
	Supplies.				Rs. a. p.
1	Petty Stores ...	Messrs. Isufali Abdulali & Co.	11936	9th Mar. 1898	At schedule rates.
2	Hardware ...	Do. ...	11936	Do.	Do.
3	Iron castings ...	Messrs. Sorabji Shapurji & Co.	11937	Do.	Do.
4	Timber	Messrs. Sullemanji Mulla Abdoolali & Co.	11935	Do.	Do.
5	Road metal ...	Messrs. Teju Kaya & Co.	11582	22nd Feb.1898	4 0 0 per bras at the quarries, and Rs. 6-11-0 per brass delivered in any part of the city.

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
6	Carts and Bullocks.	Messrs. Teju Kaya & Co.	11581	22nd Feb. 1898	Single Bullock 0-12-0 a day; Pair of Bullocks 1-6-0 a day; Cart with pair of bullocks 1-10-0 a day.
7	Sand	Messrs. Sullemanji Mulla Abdoolali & Co.	11583	Do.	7 2 0 per brass.
8	500 Tons Borrea Coal Co.'s A Seam Anthracite coal at Love Grove Pumping Station;	Messrs. P. Nasarwanji & Co.	11210	16th Feb. 1898	15 8 0 per ton.
	150 tons Borrea Coal Co.'s A Seam Anthracite coal at the Municipal Workshops; and	Do. ...	Do.	Do.	15 2 0 per ton.
	100 tons of Borrea Coal Co.'s A Seam Anthracite coal at the Colaba Air Compressor Station.	Do. ...	Do.	Do.	14 12 0 per ton.
9	500 Tons Powell's Duffryn Cardiff Coal at Love Grove Pumping Station and	Do. ...	861	27th Apl. 1898	20 14 0 per ton.
	75 tons of Powell's Duffryn Cardiff coal at the Municipal Workshops.	Do. ...	Do.	Do.	19 14 0 per ton.

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
10	750 Tons of Singareni Coal at Love Grove Pumping Station; and	Messrs. Killick Nixon & Co.	1460	11th May 1898	14 4 0 per ton. exclusive of cartage.
	300 tons Singareni Coal at the Municipal Workshops; and	Do. ...	Do.	Do.	14 4 0 per ton. exclusive of cartage.
	200 Tons Singareni coal at Colaba Air Compressor Station.	Do. ...	Do.	Do.	14 4 0 per ton. exclusive of cartage.
11	250 Tons Powell's Duffryn Cardiff coal, at the Love Grove Pumping Station; and	Mr. Fardunji Framji Karaka.	1460	11th May 1898	24 12 0 per ton.
	100 Tons Powell's Duffryn Cardiff coal at the Municipal Workshops.	Do.	Do.	Do.	24 0 0 per ton.
12	100 Tons of Singareni coal at the Air Compressor Station at Colaba.	Do.	3926	3rd Aug. 1898	16 4 0 per ton.
13	500 Tons Borrea A Seam Anthracite coal; and	Do.	4772	24th Aug. 1898	18 4 0 per ton.
	500 Tons Singareni coal at the Love Grove Pumping Station; and	Do.	Do.	Do.	16 8 0 per ton.
	300 Tons Singareni coal at the Municipal Workshops; and	Do.	Do.	Do.	16 2 0 per ton.
	400 Tons of Singareni coal at the Colaba Air Compressor Station; and	Do.	Do.	Do.	16 4 0 per ton.

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
	30 Tons of Double Screened Davison's West Hartley coal at the Sankli Tank Fire Brigade Station.	Mr. Fardunji Framji Karaka.	4772	24th Aug. 1898.	23 4 0 per ton.
14	150 Tons Powell's Duffryn Cardiff coal at the Love Grove Pumping Station.	Do.	7863	21st Dec. 1898.	23 2 0 per ton.
15	265 Tons Borrea Anthracite coal at the Love Grove Pumping Station.	Mr. Bomanji Edulji Kassinath.	Do.	Do.	16 4 0 per ton.
16	50 Tons Powell's Duffryn Cardiff coal and	Messrs. Dadabhoy Hormusji & Co.	7513	7th Dec. 1898.	22 4 0 per ton.
	50 Tons Borrea Anthracite coal, at the Colaba Air Compressor Station; and	Do.	Do.	Do.	17 4 0 per ton.
	30 Tons Double Screened Davison's West Hartley coal at the different Fire Brigade Stations.	Do.	Do.	Do.	22 0 0 per ton.

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
17	500 Tons Borrea Anthracite coal and	Messrs. P. Nasurwanji & Co.	9928	8th Feb. 1899.	16 9 0 per ton.
	500 Tons Powell's Duffryn Cardiff coal, at the Love Grove Pumping Station; and	Do.	Do.	Do.	20 15 0 per ton.
	300 Tons Borrea Anthracite Coal and	Do.	Do.	Do.	15 15 6 per ton.
	100 Tons of Powell's Duffryn Cardiff Coal at the Municipal Workshops; and	Do.	Do.	Do.	20 1 6 per ton.
	100 Tons Borrea Anthracite coal and	Do.	Do.	Do.	16 1 6 per ton.
	100 Tons Powell's Duffryn Cardiff coal at the Colaba Air Compressor Station; and	Do.	Do.	Do.	20 5 0 per ton.
	30 Tons Davison's Double Screened West Hartley coal at the different Fire Brigade Stations.	Do.	Do.	Do.	20 7 0 per ton.
18	Supplying and erecting 7 Spans of girders for theNew Kutchra Railway line from Kurla to Deonar.	G. I. P. Ry. Co.	1158	4th May 1898.	Estimated amount 7,997 0 0
19	2,200 Wing plate castings for the kutchra works at Kurla.	Messrs. Alcock Ashdown & Co.	8788	11th Jan. 1899.	5 2 0 per cwt.

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contract.
			No.	Date.	
					Rs. a. p.
20	Gas Coke ...	The Bombay Gas Company.	12433	23rd Mar. 1898	24 0 0 per ton.
21	3,000 all steel pick-axes.	Messrs. Esufalli Abdulali & Co.	1569	18th May 1898	4,312 8 0
22	750 Kerosine Oil Lanterns.	Mr. Abdul Husein Kikabhai.	5616	21st Sept. 1898	1,968 12 0
23	4,000 Cases of kerosine oil (Snowflake brand, 150° proof).	The Standard Oil Company.	7512	7th Dec. 1898	4 12 2 per case.
24	Four double Crab winches for Drainage Department.	Messrs. Shallis and Duncan.	12255	16th Mar. 1898	1,060 0 0
25	One Lathe with Tools for Drainage Department.	Messrs. Macbeth Brothers & Co.	12255	16th Mar. 1898	525 0 0
26	800 casks of Portland Cement.	Messrs. Gulamali Jivaji Pachmariwala & Co.	1455	11th May 1898	7,350 0 0
27	One Lathe for the Love Grove Pumping Station.	The Palejlal Gin & Press Co., Ltd.	4754	24th Aug. 1898	610 0 0
28	Three Circular double blast Smith's bellows for Drainage Department.	Messrs. Shallis and Duncan.	2318	15th June 1898	507 0 0
29	1,900 casks of Portland Cement.	Messrs. John Fleming & Co.	8809	11th Jan. 1899	16,615 1 8
30	1,22,000 cubic feet of sand for the Bhundarwada Reservoir Filters.	Mr. Sitaram Luxuman.	6470	26th Oct. 1898	Screened washed and laid in filters. 11-8-0 per 100 c.ft. unscreened and unwashed at Rs. 6-8-0 per 100 c.ft.

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
31	Clothing for the staff of the Fire Brigade Department and the Water Works Branch of the Engineer's Office.	Messrs. H. Cassam & Co.	7838	21st Dec. 1898	4,372 6 0
32	19,275 cubic feet of rubble stone for the banks of the Tansa main between Gadowli and Saroli.	Messrs. Bhaskar, Shivram & Co.	9894	8th Feb. 1899	8 0 0 per brass.
	Works.				
33	Work of constructing a new masonry wall, repairing and raising some of the old walls, levelling the ground and providing wooden gates to the existing entrances at the Suni Mahomedan Burial Ground.	Messrs. Teju Kaya & Co.	11580	22nd Feb. 1898	7,969 1 8
34	Construction of quarters for Malis in the Victoria Gardens.	Messrs. Devram Keshavji & Co.	10448	2nd Feb. 1898	11,665 1 1
35	Making of certain additions and alterations to the Biggaries Chal at Dadar.	Mr. Devram Keshavji.	9637	12th Jan. 1898	7,929 1 4

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
36	Construction of Masonry culvert (exclusive of timber and iron work) in connection with the Railway siding on the Flats at Mahalakshmi for the removal of Kutchra.	Mr. Sitaram Luxman.	11933	9th Mar. 1898	3,879 10 8
37	Widening a portion of Gunpowder Road from its junction with Coppersmith street to the portion of Reay Road constructed by the Port Trust near Mankeshwar Temple, constructing a retaining wall and flights of steps on the West of Gunpowder Road and constructing a reservoir for the mosque situated at Coppersmith Oart.	Messrs. Sullemanji Mulla Abdulalli & Co.	9967	19th Jan. 1898	12,290 9 11
38	Construction of quarters for the Head Animal keeper in the Victoria Gardens.	Messrs. Devram Keshavji & Co.	12240	16th Mar. 1898	7,996 0 0
39	Removing the stains from the Queen's statue.	Mr. Tribhovandas Kaliandas Gujar.	...	.....	5,000 0 0

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
40	Annual Repairs Petty works and supply of materials.	Messrs. Devram Keshavji & Co.	11932	9th Mar. 1898	At schedule rates.
41	Winding and repairing Municipal Clocks.	Bai Dhunbai, widow of the late Sorabji Jamshedji Ghadiali.	1438A	11th May 1898	520 0 0
42	Supplying and laying 4" cast iron water main under the new roads on the Tardeo Flats.	Messrs. Littlewood Palanji & Co.	1438	11th May 1898	11,323 0 0 Estimated amount.
43	Laying the permanent way of the Municipal kutchra line from Kurla to Deonar and to ballast the same.	G. I. P. Railway Company.	1456	11th May 1898	37,738 0 0
44	Construction of Quarters for Inspectors and biggaries of Health Department and an office and a store room at the receiving Depôt for kutchra to the North of the village of Deonar, Salsette Taluka, Thana Zilla.	Messrs. Palanji Shapurji & Co.	3948	3rd Aug. 1898	23,873 4 6
45	Paving two wards in the Arthur Road Hospital with Hurley's Patent stone.	The Bombay Artificial Paving Stone Company.	6469	26th Oct. 1898	2,255 0 0

Contracts—*concluded.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
46	Repairing and painting Kerosine Oil street lanterns, brackets and posts in different parts of the city.	Mr. Alibhai Abdul Husen.	690	20th Apr. 1898	At schedule rates.
47	Cleaning, maintaining and supplying mantles and chimneys to the existing Incandescent Gas Lamps of the several Municipal markets.	Mr. R. Langner.	Corporation Resolution. No. 2597	20th June 1898	0 8 0 per lamp per month.

LEASES OF RIGHTS SOLD.

382. The following list shows the leases of various rights sold during the year 1898-99 for cutting grass and gathering fruit, &c., from Municipal lands, and for fishing in, and gathering flowers, singaras, &c., from, Municipal tanks, water channels, &c.

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amount realized.	Area of land, number of trees, &c.	
					Land.	Trees.
	General Branch.			Rs. a. p.		
1	Cultivating and taking grass and vegetables from the Municipal land adjoining Ripon Road, bounded on the North by the Hindustan Mill premises, on the West by Gilder Street, on the South by Club Road, and on the East by Morland Road (acquired from Bai Motlabai and Mr. Cama.)	Up to 15th Oct. 1898..	Mr. Sayana Mallu ...	600 0 0	267,098 sq. yds	...
2	Cultivating and taking grass and vegetables from the Municipal land adjoining Arthur Road (acquired from Mr. Hirji Virsi).	Do. ...	Mr. Miraman Shivdas ...	12 0 0	9,748 „	...
3	Cultivating and taking grass and vegetables from the Municipal land adjoining Ripon Road, bounded on the North by Mr. Shivlal Motilal's property, on the West by Municipal land, on the South also by Municipal land, and on the East by the properties of Messrs. Jaya Lingu and Lakshaman Dharmaji (acquired from Bai Sarasvatibai).	Do. ...	Mr. Lakshaman Raghu ...	55 0 0	17,739 „	...
4	Cultivating and taking grass and vegetables from the Municipal ground adjoining Haines Road (acquired from Mr. Kuverji Mulji).	Do. ...	Mr. Basapa Mallu ..	200 0 0	16,482 „	...
5	Cultivating and taking grass and vegetables from the Municipal land adjoining Ripon Road (lately acquired from Sir A. D. Sassoon).	Do. ...	Mr. Vasudev Bhika ...	48 0 0	27,976 „	...

6	Taking grass and vegetables from the Municipal land along both sides of the New Road (Vincent Road) along Tansa Main from Dadar Road to the Junction of Sion Road and Matunga Road.	Up to 15th Oct. 1898..	Mr. Krishna Gangaji ...	150	0	0	.....	...
7	Cultivating and taking grass and vegetables from the Municipal land adjoining DeLisle Road and bearing Ward Nos. 7209 & 7208 (acquired from Mr. Goverdhandas Khimji).	For three months up to 15th Oct. 1898.	Mr. Madar Jani	25	0	0	5,196 sq. yds.	...
8	Depositing building materials on the Municipal land at DeLima Street, Mazagon, recently purchased for the northern approach of the Wari Bunder Over-Bridge.	At a monthly tenure...	Mr. Pestonji Mancherji Nareilwalla.	At the rate of Rs. 15 per month per 1,000 sq. yds.			555½ „	...
9	Cultivating and taking grass and vegetables from the Municipal land near Hasali Tank, Lady Jamshedji Road.	Up to 15th Oct. 1898..	Bai Jethibai	25	0	0	1,434 „	...
10	Cultivating and taking grass and vegetables from the plot of land on the West side of B. B. & C. I. Railway, near Arthur Road.	Up to 15th Oct. 1899.	Mr. Miraman Shivdas ...	45	0	0	7,750 „	...
	Drainage Branch.							
11	Fishing in Warli channel and sluices and tank at Mingutmandli.	For one year ending 31st March 1899.	Mr. Padma Budia ...	375	0	0	.....	...
12	Fishing in Dharavi sluices	Do. ...	Mr. Paskol Antone ...	25	0	0	.....	...
13	Taking grass from Municipal ground at Bellasis Bridge.	For one year ending 31st May 1899.					4,838 sq. yds.	...
14	Taking grass from the Municipal ground at Arthur Road.	Do. ...					6,391 „	...
15	Taking grass from Agripada open drain from the Agripada Milch-cattle Stables, Haines Road, to Arthur Road.	Do. ...	Messrs. Bassapa Mallu and Sayana Rajana.	230	0	0	7,720 „	...
16	Taking grass from the Municipal land between Wari Bunder Road and the G. I. P. Railway Company's compound at Hancock Bridge.	Do. ...					838 „	...
17	Taking grass from the Municipal ground at the North-East corner of the storm-water reservoir at Clerk Road.	Do. ...	Mr. Sayana Rajana ...	505	0	0	5,478 „	...

Leases of Rights Sold.—*continued.*

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amount realized.	Area of land, number of trees, &c.	
					Land.	Trees.
				Rs. a. p.		
18	Taking grass from the Municipal ground at the eastern slope of Hornby Vellard.	For one year ending 31st December 1898.	Mr. Sayana Rajana ...	45 0 0	5,333 sq. yds.	
			For General Tax...	3 7 1		...
				48 7 1		
19	Taking grass from the Municipal ground near the condensing reservoir at the pumping station and from the compound of Mr. Verjivandas Madhavdas's bungalow rented by the Municipality.	Do. ...	Lieut.-Col. J. Anderson ...	123 0 0	33,333 „	
			For General Tax ...	9 6 6	820 „	...
				132 6 6	34,153 sq. yds.	...
20	Taking grass from the banks of the storm-water reservoir at Mahalakshmi, *i.e.*, from Clerk Road to Love Grove Pumping Station (except the Vellard Banks).	Do. ...	Mr. Pandu Rama	760 0 0	38,855 „	...
			For General Tax...	64 15 8		
				824 15 8		
21	Taking grass from the Municipal ground within the Mingut Mandli Tank at Parbhadevi and along side the adjoining water-course.	Do. ...	Mr. Maggru Jagga ...	125 0 0	6,066 „	...
			For General Tax...	9 9 0		
				134 9 0		
	Water Branch.					
22	Cutting and taking grass and cultivating rice on land on the Tansa Duct Line from Tunnel No. 7 to Tunnel No. 8.	Up to 31st Dec. 1898..	Mr. Kalu Ladkoo Patel ...	10 0 0	45 acres ...	...
23	Fishing, planting and gathering singaras in the Digi, Hasali, Sawli, and Jambli tanks.	Up to 31st Mar. 1899..	Mr. Gunpat Saku ...	100 0 0	.....	...
			For General Tax...	8 8 10		
				108 8 10		
24	Taking grass from Municipal grass land around the margin of Pawai Lake and about the Vehar Road and Pawai Engine-house.	Up to 31st Dec. 1898..	Mr. Ignacio Kaitan Soares.		About 100 acres	...

25	Taking grass from the margin of Vehar Lake, from the islands in the lake, and from the banks of catch-water channels.						Over 100 acres.		...
26	Taking grass from the Tulsi Pipe Line, Tulsi to Andheri-Marol Road.						36	„	...
27	Taking grass from the Tulsi Pipe Line, Andheri-Marol Road to Bandra.						26	„	...
28	Taking grass from the Vehar Pipe Line, Vehar to Kurla.						About 17	„	...
29	Removing mangoes from Municipal trees at Pawai...						.....		About 2,500.
30	Removing leaves from date trees on Municipal land at Pawai.	Up to 31st Dec. 1898	Mr. Ignacio Kaitan Soares.	750	0	0	.....		Do.
31	Taking leaves and fruits from Tad palms on Municipal lands at Pawai, Vehar and Tulsi.						.....		About 1,456.
32	Taking fruits from all Municipal tamarind, custard apple, guava, jambul, bor, and cocoanut trees at Pawai.						.....		About 260
33	Cutting and taking all dead trees of every kind and all living injatli trees and brushwood at Pawai, except trees of the following kinds :—Mango, tamarind, custard apple, guava, jambul, bor, cocoanut, Tad and date palms. (The contractor to be held responsible for any damage done by him or his men to the reserved trees).						.....		...
34	Cultivating and taking singaras in the Goper Dam and two tanks on the margin of Pawai Lake.								
35	Fishing in Pawai Lake						About 2 acres		...
36	Cultivating and taking rice on land near Pawai Engine-house.								
37	Cultivating and taking grass from Municipal land at Malabar Hill Reservoir.	From 1st June 1898 to 31st May 1899.	Mr. Lakshman Mallu ...	22	0	0	About ¾ acre ...		...
			For General Tax ...	2	1	5	Slope of reservoir		
				24	1	5			
38	Cutting and taking grass from the Municipal land on the Tulsi Pipe Line from Mahim to Mahalakshmi.	Do. ...	Do. ...	205	0	0	A strip of land 50 feet wide, except the portion taken up for pipe road.		...
			For General Tax...	19	7	8			
				224	7	8			

Leases of Rights Sold.—*concluded.*

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amount realized.	Area of land, number of trees, &c.	
					Land.	Trees.
				Rs. a. p.		
39	Cutting and taking grass from the Municipal land on the Tansa Pipe Line from South of Wadia Mahal Salt Works to Matunga Road near Futka Tank.	From 1st June 1898 to 31st May 1899.	Mr. Solomon Ellanu Dandeker.	20 0 0	A strip of land about 100 feet wide.	...
40	Cutting and taking grass from the Municipal ground at the Bhandarwada Reservoir.	For one year ending 31st May 1899.	Mr. Babaji Ramji ...	25 0 0	.....	...
41	Fishing in Futka Tank at Matunga, Gowari Tank at Gowari Village, Sewri Tank at Sewri, Satgaon Tank at Sion, and water hole in Khelka, Khadak.	From 18th July 1898 to 31st March 1899.	Mr. Pascoal Clement Fernandez.	51 0 0 For all the tanks.	.....	...
42	Tapping toddy from date trees standing on the Malabar Hill Reservoir.	For one year ending 31st July 1899.	Mr. Sorabji Jamasji ...	20 0 0	.....	20
43	Taking grass from the margin of Tansa Lake ...				About 1,500 acres.	...
44	Taking grass and removing fruits from mango and other injaili trees growing on the Municipal land near Tansa Dam, known as the 1,000 and 500 feet strips, and for cultivating the same.				267·4 „	...
45	Taking grass and removing fruits from mango and other injaili trees from Duct line, from junction with 1,000 feet strip at Tansa to Tunnel No. 2, and cultivating the piece of Municipal rice land at Khosta.	From 1st Jan. 1899 to 31st Dec. 1901.	Messrs. Ganpat Mahadu and Gopal Balkrishna.	238 0 0	27 „	...
46	Taking grass from the Tansa Duct Line from Tunnel No. 2 to Tunnel No. 3 and cultivating the rice land, 8 acres, at Vandra.				36 „	...

				Rs. a. p.		
47	Taking grass from the Tansa Duct Line from Tunnel No. 7 to Tunnel No. 8.	From 1st Jan. 1899 to 31st Dec. 1901.	Mr. Kalu Ladku Patel ...	12 0 0	45 acres.	...
48	Taking grass from the Tansa Duct Line from Tunnel No. 8 to Tunnel No. 10.	Do. ...	Mr. Gopal Ambu Patel ...	21 0 0	32 „	...
49	Taking grass growing on the Tansa Duct Line from the North end of Bassein Creek Siphon to Bassein Creek Bridge, including Gadavli Depôt ground, including cultivating and fishing inside pits.	For 1899	Mr. Barkia Sadu	75 0 0	91 „	...
50	Taking grass growing on the Tansa Duct Line from South of No. 1 Bassein Creek Bridge to the South end of Bassein Creek Siphon, including cultivating and fishing inside pits.	Do.	Do.	42 0 0	42 „	...
51	Taking grass growing on the Tansa Duct Line from the South end of Bassein Creek Siphon to the North end of Pawai Siphon.	Do.	Mr. Sawar Dagu	13 0 0	67 „	...
52	Taking grass growing on the Tansa Duct Line from the North end of Pawai Siphon to Ghatkooper Siphon Head.	Do.	Mr. Ignacio Kaitan Soares.	65 0 0	32 „	...
53	Taking grass growing on the Tansa Duct Line from Ghatkooper Siphon Head to the North of Kurla Kutchra ground, including fishing.				35 „	...
54	Taking grass from Kurla Bridge to Matunga Futka Tank.	Do.	Mr. Dooming Louis Rodrigues.	20 0 0	.....	...
55	Cutting down and removing trees, &c., from miles 17-1,856 feet to miles 18-2,918 feet along the line of the Tansa Duct.	From 1st March 1899 to 31st May 1899.	Mr. Gopal Amboo Patel ..	22 0 0	.....	...
56	Tapping date trees standing on the Municipal ground, Mahim-Mori Road.	For a period ending 31st July 1899.	Mr. Burjorji Kavasji ...	60 0 0	.....	26
57	Removing oyster shells from the stone embankment between Mahim and Bandora.	From 1st March 1898 for 6 months.	Mr. Balaram Savlaram ...	18 0 0	.....	...

BILLS, VOUCHERS, &c., RECEIVED AND PASSED.

383. Comparative statement of the number of bills, vouchers, &c., received, examined and passed during the five years from 1894-95 to 1898-99 :—

Description.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.
Bills for supplies, works, &c.	6,201	6,693	7,481	10,189	11,465
Departmental Works Bills	1,851	2,108	2,067	3,855	3,847
Private Works Bills	3,621	3,258	2,268	2,341	1,945
Total ...	11,673	12,059	11,816	16,385	17,257

NOTICES, &c., ISSUED.

384. Comparative statement of the number of notices, &c., issued during the five years from 1894-95 to 1898-99 :—

Section.	Description.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.
	Streets and Buildings Branch.					
231	To provide rain-water caves, gutters and down pipes.	426	167	288	603	477
232	To drain undrained premises not within a hundred feet of a Municipal drain.	.....	.....	.....	.....	.....
234	To provide effectual drainage to new buildings.	.....	.....	.....	.....	.....
247	To provide water-closets, privies or urinals....	34	28	8	9	5
257	To remove encroachments on drain, cesspool, house gully, privy, urinal, &c.	42	46	29	18	6
299	Intimation to take possession of land outside building for street improvement.	48	43	51	52	11
305	To level, metal or pave drain and light private streets.	27	89	.....	46	.....
308	To remove new projections	112	126	71	102	121
309	To remove old projections	47	48	5	34	18
311	To remove or alter door, gate, bar or window opening upon a street.	59	53	21	48	36
	Carried forward ...	795	600	473	892	674

Notices, &c.—*continued.*

Section.	Description.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.
	Brought over ...	795	600	473	892	674
315	To remove projection or obstruction in or upon any street or upon or over open channel, drain, well or tank.	1	6	.....	.....	1
329	To repair, protect or enclose wells or dangerous places.	1	9	5	3	8
349	To remove inflammable materials in external walls and roof covering.	789	990	994	976	732
351	To remove, alter or pull down structures erected without Municipal approval or to submit plans for the same.	447	484	294	245	277
353	To alter buildings erected or to amend works done contrary to the provisions of the Municipal Act or Building Bye-laws.	428	421	325	318	424
354	To pull down ruinous houses	206	400	321	456	583
380	Removing or altering insanitary huts or sheds.	.....	.....	13	14	162
383	To cut and trim trees, shrubs and hedges ...	4	8	2	2	6
426	Demolishing insanitary structures to prevent the spread of infectious diseases.	.....	.....	586	85	203
488	Intimation of intention to enter houses after 24 hours' notice.	942	1,360	988	1,730	960
I.	Notices issued under the Epidemic Diseases Act	.....	.....	42	55	1,039
I & IX	Do. do. do. ...	.....	.....	76	90	87
.....	Notices issued intimating to the owners improvements necessary in the houses.	.....	.....	.....	741	2,086
	Drainage Branch.					
222	For laying Municipal drains through or under land belonging to private parties.	1	1	.....	.....	3
228-229	To drain private properties into Muni. drain.	.....	.....	.....	.....	1
230	To carry drains through land belonging to other persons.	8	8	12	5	8
231	To drain undrained premises within a hundred feet of a Municipal drain.	441	686	248	903	979
231&232	To drain undrained premises within or without a hundred feet of a Municipal drain.	.....	.....	1	.....	.....
231&257	To close, remove, renew, repair, &c., drainage of premises without sufficient means of effectual drainage.	129	40	50	.....	.....
	Carried forward ...	4,187	5,013	4,430	6,517	8,023

Notices, &c.—*concluded.*

Section.	Description.	1894-95.	1895-96.	1896-97.	1897-98	1898-99.
	Brought over ...	4,187	5,013	4,430	6,570	8,023
231&260	To drain undrained premises through the Municipal Agency.	.....	.....	160	20	.....
232	To drain undrained premises not within a hundred feet of a Municipal drain.	30	24	43	70	102
232&257	To provide a cesspool and to repair, &c.	.....	.....	4	.....	.....
234	To provide effectual drainage to new buildings.	4	1	7	17	6
238	To declare joint ownership of a drain.	.....	.....	2	.....	1
244	To affix shafts or pipes for ventilation of drains, &c.	5	9	14	3	4
248	To provide water closets, privies, or urinals.	2	3	5	2	3
251	To provide water closets in accordance with the provisions of the Municipal Act.	.....	.....	.....	2	.....
257	To renew, repair, &c., drainage of houses.	1,298	1,433	1,003	1,017	1,268
257&260	To execute, repair, &c., to drain, cesspool, &c., through the Municipal Agency.	.....	.....	714	.....	1
258	To execute works in good workmanlike manner and to use suitable materials, &c.	.....	22	.....	.....	.....
258	To prohibit contraventions generally of the provisions of Chapter IX of Municipal Act.	5	4	9	4	7
358	To prohibit the use of any bad material, appliance or fitting by Licensed Plumbers.	.....	.....	32	1	.....
375	Cleansing and lime-washing of any building.	.....	.....	98	.....	.....
381	To cleanse, fill, drain, &c., pools, ditches, ponds, walls, quarry holes, &c.	1	.....	.....	.....	.....
	Water Branch.					
278 (2)	To repair and stop leakage of water from taps, service pipes, &c.	6,595	8,657	9,193	9,818	7,111
.....	For transferring connections from one main to another.	90	31	25	4	2
279	To fix meters to service pipes.	150	227	264	160	199
284, 285 & 171	To stop wastage of water from taps, &c.	17	5	265	28	57
	Total ...	12,313	15,429	16,208	17,661	16,784

LETTERS, &c., RECEIVED AND DESPATCHED.

385. Comparative statement of the number of letters, references to Inspectors, &c., received and despatched during the five years from 1894-95 to 1898-99.

Departments.		1894-95.	1895-96.	1896-97.	1897-98.	1898-99.
General and Street and Building Branches	Inward ...	37,257	50,817	43,136	47,744	81,706
	Outward ...	48,275	44,016	49,812	55,792	71,349
Drainage Branch.	Inward ...	27,691	30,855	34,624	35,758	41,979
	Outward ...	28,318	25,810	31,946	36,001	30,393
Water Branch.	Inward ...	19,610	19,543	19,864	22,777	12,982
	Outward ...	21,041	19,978	21,157	22,347	13,396
	Total ...	182,092	191,019	200,539	220,419	251,805

SUMMARY OF CLERICAL WORK DONE BY THE DIFFERENT BRANCHES.

386. The following is a Summary of Clerical Work done by the different branches of this Department during the year :—

Consecutive No.	Description of Work.	General and Street and Building Branches.	Workshops.	Drainage.	Water Works.	Total.
1	Letters, &c., received including replies to references to Inspectors, &c....	78,889	2,817	41,979	12,982	1,36,667
2	Letters, &c., despatched, including references to Inspectors for report	68,357	3,092	30,393	13,396	1,15,138
3	Notices issued	7,178	...	2,378	7,369	16,925
4	Summonses issued	532	...	1,495	...	2,027
5	Contracts for annual and other supplies and for the construction of various works, executed	39	...	6	3	48
6	Leases of various rights sold	10	...	11	36	57
7	Vouchers received and passed	6,015	442	3,296	1,712	11,465
8	References made to Inspectors, &c., for certificate on vouchers	1,609	...	2,783	669	5,052
9	Reports and certificates received from the Inspectors, &c.	6,003	442	3,296	1,712	11,453
10	Departmental and Private works bills prepared or received, checked and passed	3,610	829	361	2,096	6,896
11	Statements of works done for Municipal Departments, checked and passed	147	...	12	12	171

(*Continued from page 499*).

Consecutive No.	Description of Work.	General and Streets and Buildings Branches.	Workshops.	Drainage.	Water Works.	Total.
12	Statement of works done for private parties, checked and passed	215	...	12	12	239
13	Workshops Balance sheets prepared and forwarded ...	...	12	...	...	12
14	Statements of recovery of bills against private parties received	299	...	...	...	299
15	Requisitions prepared or received and forwarded... ...	1,778	193	1,008	140	3,119
16	Measurement slips for metal, sand, rubble, &c., received and checked	765	...	...	...	765
17	Statements showing the receipts, issues and balances of stores received and checked	144	...	12	...	156
18	Morning reports, diaries, &c., prepared or received and checked	96,634	330	365	...	97,329
19	Muster-rolls received and checked	717	24	113	103	957
20	Statements of wages remaining unclaimed received and checked	184	12	12	27	235
21	Unclaimed wages refund prepared or received and passed	1,119	80	187	150	1,536
22	Work-abstracts for road repairs and maintenance received and checked	144	...	...	...	144
23	Work-abstracts for road watering received and checked ...	144	...	...	...	144
24	Statements of expenditure on each road received and checked	70	...	...	...	70
25	Quarterly estimates for road repairs and road watering received and passed	100	...	...	...	100
26	Permits issued for projecting verandas, balconies, rewas, weather-frames, &c.	45	...	...	...	45
27	Permits issued for erection of scaffolding on public roads.	330	...	...	...	330
28	Permits issued for opening roads	1,459	...	...	...	1,459
29	Permits issued for temporary occupation of public streets on marriage and other ceremonies...	526	...	...	...	526
30	Advice-notes for sale of tender forms, rights of cutting grass, &c., hire of steam-rollers, carts, &c., ground rent, sale of building forms under section 337 and 342, supplying copies of office records, sale of applications for water connections, fees for testing water pipes, meter fittings, hire of meters, &c., prepared and forwarded to the Chief Accountant	2,358	...	280	1,330	3,968
31	Licenses issued to plumbers	93	...	...	...	93
32	Licenses issued to Surveyors	32	...	...	...	32
33	Slips for road openings received	1,459	...	...	...	1,459
34	Authorities issued to plumbers for opening roads under tram lines	47	...	...	...	47
35	Adding ground orders issued	57	...	...	...	57
36	Permits for building or rebuilding houses granted either conditionally or unconditionally	1,671	...	...	...	1,671
37	Claims for compensation for land, &c., taken up for street improvement, passed	95	...	...	...	95
38	Gate passes issued	...	714	...	...	714
39	Receipts for articles sent from Workshops, prepared and forwarded	...	944	...	...	944

PLAGUE OPERATIONS.

Improvement and demolition of insanitary buildings.

387. During the year the systematic inspection of houses in the following districts, which was in hand at the commencement of the year, was continued :—

1. Lower Colaba.
2. Fort.
3. Dhobitalao.
4. Chakla.
5. Mandvi.
6. Umarkhadi.
7. Dongri.
8. Bhuleshwar.
9. Kamathipura.
10. 1st Nagpada.
11. 2nd Nagpada.
12. Byculla.

388. The following additional Districts were also taken up during the year :—

1. Market.
2. Kharatalao.
3. Kumbharwada.
4. Tardeo.
5. Walkeshwar.

389. The inspection of houses in Kamatipura and in the Dhobitalao District has been practically completed, and the improvement of several houses has been already carried out, while that of others is in progress.

390. Stray cases in the other parts of the City were also inspected when urgency demanded their improvement.

391. The accompanying statement marked **A** gives detailed information as regards the number of houses inspected in each district, those found in need of improvement, and also those condemned as incapable of improvement and fit for demolition.

392. Altogether 2,633 houses were inspected during the year under review, of which 2,213 houses were found more or less in need of improvement, 405 houses were found incapable of improvement and fit for demolition, the remaining being such as not to require any improvement.

393. In all 293 houses were actually demolished during the year.

394. The accompanying statement marked **B** shows the number of notices served under different Sections of the Government Notification and of the Municipal Act.

395. It will be seen from this that during the year 2,086 notices were issued requiring the house-owners to improve their buildings, out of which the owners of 704 houses took the work of improvement in hand, 725 houses had to be declared unfit for human habitation, out of which 87 houses were closed permanently for demolition, 509 temporarily for enforcing improvements in them, and 129 were declared unfit for human habitation to allow of action being taken for the immediate improvement of their ventilation.

396. Statement **C** gives particulars regarding compensation awarded during the year by the Government Assessor for buildings condemned for demolition under Sections I and IX of the above Notification.

397. Statement **D** shows details of compensation paid during the year for huts and sheds demolished under Section 426 of the Municipal Act, and a sum amounting to Rs. 1,097-1-5 still remains to be paid owing to the owners not having proved their title to receive the compensation awarded to them.

398. As a rule, the residences of the poor classes of the community are insanitary, ill ventilated and damp. Many of the rooms have absolutely no light or ventilation, and the floors being low are generally damp and fruitful of disease.

399. It is sometimes found that 10 people live in a room hardly sufficient for one-fourth the number.

400. Attempts have been made to abate the over-crowding in these buildings, but without much success, as it was found that the rooms were re-occupied shortly after the officers of the Municipality left the scene of action.

401. The only remedy is to increase the amount of house accommodation, and it is hoped that the work of the City Improvement Trust will help the City in this matter.

402. Only one Inspector was employed during the year for inspection of houses with a view to abate the overcrowding. This work is difficult of accomplishment, owing, as stated above, to insufficient house accommodation for the poor. The overcrowding was naturally found only in "chalis" occupied by the poorest classes of the people.

403. Until sufficient house accommodation suitable for these people is provided, the evils of over-crowding must continue. Reduction is, however, more rigidly enforced in cases where the creation or spread of disease is apprehended.

404. The establishment had to be slightly revised during the year to enable it to cope with the large amount of additional work which had devolved upon it in scrutinizing the plans, which were no less than 1,085 in number, and in inspecting and examining the houses, and supervising the works of improvement in them. The revision has, however, been made so as not to increase the cost.

405. The work of improvement of the houses is a very disagreeable one, requiring much tact and discretion on the part of the Municipal Officers. I am glad, however, to say that practically no complaints have, up to this time, been received against any of them.

406. As a rule, house-owners are averse to do anything to improve their properties and at first strong opposition is sometimes made, but myself and the Officers and subordinates employed under me succeed by persuasion and firmness in making them understand the advantages of carrying out the works required of them.

407. It is gratifying to note that the owners of the properties, and more especially the tenants, express their appreciation of the great good effected, after the changes are made.

408. The following list shows the Plague Camps in different parts of the City which were either erected or strengthened during the year :—

(1.) Camp at Victoria Bunder, Colaba.
(2.) The Vithal Sayana Camp.
(3.) Cruickshank Road Camp for Evicts.
(4.) Cruickshank Road Contact Camp.
(5.) Arthur Crawford Market Camp.
(6.) The Goculdas Hospital Camp.
(7.) Kennedy Sea Face Camp.
(8.) Modykhana Camp.
(9.) Elphinstone Bridge Camp.
(10.) Wari Bunder Camp.
(11.) Northbrook Garden Camp.
(12.) Piru Lane Camp.
(13.) Babula Tank Camp.
(14.) Jail Road Camp.
(15.) Sankli Tank Camp.
(16.) Contact Camp at Julai Hospital.
(17.) Foras Road Camp for Kamatis.
(18.) Foras Road Camp for Hindus.
(19.) Gilder Street Camp for Mahars.
(20.) Moreland Road Camp.
(21.) Grant Road Camp.
(22.) Chaupati Camp for Hindus near Babulnath.
(23.) Ghorupdeo Camp.
(24.) Narielwadi Health Camp.

(25.) Narielwadi Contact Camp for all classes.
(26.) Narielwadi Contact Camp and Hospital for Mahomedans.
(27.) Elphinstone Road Camp.
(28.) Dadar Camp.
(29.) Camp for Dhobis at Arthur Road.
(30.) Contact Camp at Arthur Road.
(31.) Camp at Mahim Mori Road.
(32.) Camp to the West of Mahim Station.
(33.) Camp at Worli Pakhadi.
(34.) Camp at Worli Koliwada.
(35.) Bandora Camp.
(36.) Bhangi Mohla Health Camp.
(37.) Health Camp for Halalcores of the Health Department at Valpakhady.

409. These camps were made of sheds constructed with bamboo posts, roofs either of double bamboo matting or cadjans, and walls also of bamboo matting.

410. The roofs of some of the sheds in the following camps were made of corrugated iron :—

(1.) Camp at Victoria Bunder, Colaba.
(2.) Health Camp for Halalcores of the Health Department at Valpakhady.

411. The floors of all the sheds were made of earth or murum.

412. Latrine accommodation, &c., were provided in all cases except in those where permanent latrines in the neighbourhood were available for use. Statement **E** gives the particulars of such latrines and other works constructed during the year.

413. Stand-pipes with paved platforms for bathing or washing purposes, as also drainage and cesspool arrangement, were provided where necessary. Statement **F** gives the particulars of the stand-pipes so erected.

414. The lighting of all the camps was done by means of kerosine oil lamps erected in convenient and suitable places on old wooden posts.

415. Several of the camps were pulled down in the beginning of the monsoon, some because they stood on low lying ground likely to be under water during the rains, some being old and incapable of being strengthened and a few on account of plague cases having occurred in them.

416. Some of the materials of the camps so pulled down have been utilized in strengthening the camps kept standing and some have been stacked in depôts under shelter formed in convenient places. A few have also been deposited in the stores at Government House, Parel, and in the Foras Road Stores. Statement **G** gives the particulars of the Camps, &c., erected, strengthened, pulled down, &c., during the year.

CAMP AT VICTORIA BUNDER, COLABA.

417. This camp was erected about May 1897 on ground belonging to the Colaba Land and Mill Company, Limited, for the accommodation of cart drivers and others, whose quarters in the vicinity were condemned and destroyed. It has since been strengthened from time to time and maintained by this Department.

418. At present it consists of 66 rooms, each 10′ × 10′, with a verandah 5′ wide.

419. Twenty-two of these rooms are covered with corrugated iron sheets and 44 with cudjans. The walls are of double matting.

420. In this case the occupants used the privies in the vicinity belonging to the above named Company.

421. All the rooms are at present occupied by Marathas with the exception of 8, which are occupied by Mahars.

422. A rent of Rs. 2-0-0 per room is charged for the rooms covered with corrugated iron and Re. 1-0-0 per month for those covered with jowlies.

THE VITHAL SAYANA CAMP.

423. This camp stands on a piece of ground at Colaba belonging to Government. It was at first put up through the generosity of a private individual Mr. Vithal Sayana.

424. To admit of the camp standing in the rains, 24 rooms were removed and re-constructed by the Municipality with better materials. But unfortunately no sooner were these rooms completed, they took fire accidentally and were all burnt down.

425. Twenty-four new rooms, each 9′ × 9′, with a verandah 3′ wide, have, therefore, been constructed in place of those destroyed.

426. The following additional accommodation has also been provided :—

3 rooms for Camp-Master and Stores.
1 room „ Sweeper.
1 „ „ Bhangies.

427. The new rooms have been handed over to the District Plague Officer.

CRUICKSHANK ROAD CAMP FOR EVICTS.

428. This camp was constructed on a portion of the maidan along the Cruickshank Road in front of the Police Court.

429. The ground was placed at the disposal of the Municipality by Government.

430. The camp consisted of 60 rooms, each 10′ × 10′, with a 5′ verandah in front and 60 cook-rooms, each 6′ × 6′.

431. The camp was occupied by persons turned out of insanitary houses and was kept in charge of this Department.

432. A rent of Rs. 2-0-0 per room was recovered.

433. It was pulled down at the commencement of the monsoon.

CRUICKSHANK ROAD CONTACT CAMP.

434. This camp was erected near the one last above mentioned.

435. It consisted of 60 rooms, each 10′ × 10′ with a verandah 5′ wide in the front.

436. It was pulled down at the commencement of the monsoon.

ARTHUR CRAWFORD MARKET CAMP.

437. This Camp has been erected on an open piece of ground, the site of the old Warrant Officers' Quarters, near the Arthur Crawford Market, which has been placed at the disposal of the Municipality temporarily by the City Improvement Trust.

438. It consisted of 182 rooms, each 10′×10′, with a verandah 5′ wide, with a like number of cook-rooms 6′×6′.

439. There are 25 privy seats and 12 water taps. Until the rains set in the camp was in charge of the District Plague Officer and was at that time used for the accommodation of contacts and rent was recovered by that Officer.

440. Since the commencement of the monsoon the camp has been taken over by the Executive Engineer's Department for the use of evicts from insanitary houses in lieu of the camp along Cruickshank Road which has been demolished.

441. Two rows of huts on high ground have been strengthened and the rest, with the exception of some which were dilapidated and have been pulled down, are allowed to stand.

THE GOCULDAS HOSPITAL CAMP.

442. This is an old camp. It consists of 302 rooms, each measuring 10′×10′ with 5′ verandah in front. These rooms are occupied by all classes of Hindoos.

443. Fifty-five huts out of the above, *viz.*, those in front of the Indo-British Institution have been demolished.

KENNEDY SEA FACE CAMP.

444. This camp consisted of 464 rooms, each measuring 10′ × 10′, with a verandah 5′ wide. There were 301 cook-rooms made of lathe and mud plaster walls white-washed; the roofs were covered with double matting. Six separate bath rooms were provided with drainage arrangements; sheds for Bhangis, each 20′ × 10′, were also erected.

445. Water tubs were placed in the middle of the camp for use in case of fire. These tubs were always kept full of water.

446. This camp was occupied by Christians, Hindoos and Mahars. It was demolished before the rains.

MODY KHANA CAMP.

447. This is also an old camp. During the year under review, a portion of it was pulled down for the convenience of the Railway Company and a portion given over to Government for being used as a Detention Camp. The remainder was given to the Parsee community for use as an Hospital.

448. The camp stands on Port Trust ground, for which the Municipality pay rent.

ELPHINSTONE BRIDGE CAMP.

449. This is also an old camp constructed on the Port Trust ground on payment of rent.

450. It consists of 132 rooms, each measuring 10′ × 10′, with a verandah 5′ wide and a shed for office.

451. This camp was occupied by all classes of Hindoos.

452. During the year under review, it was repaired and strengthened. Two of the blocks of this camp lately fell down and have been removed.

WARI BUNDER CAMP.

453. This was formerly an Hospital erected by the late Plague Committee.

454. It is situated on Port Trust ground, for which the Municipality pay rent.

455. Separate quarters for the Medical Officer, Nurses and an Office have been provided.

456. The camp was strengthened during the year under review and a new drain constructed for it.

NORTHBROOK GARDENS CAMP.

457. This camp was constructed during the year under review.

458. It consisted of 41 rooms, each 12′ × 8′, and a 4′ verandah.

459. This camp was set apart for Mahomedans.

460. A portion of it was strengthened for the rains and the rest kept as it is.

PEEROO LANE CAMP.

461. This camp consists of 12 rooms, each measuring 10′ × 10′, with a 5′ verandah.

462. It was erected during the year on private ground. It has recently been strengthened and is still occupied.

BABULA TANK CAMP.

463. This camp consists of 29 rooms, each measuring 10′ × 10′, with a verandah 5′ wide.

464. It stands on Municipal ground.

465. It has been strengthened for the rains.

JAIL ROAD CAMP.

466. It consists of 21 rooms, each 10′ × 10′, with a verandah 5′ wide.

467. It stands on private ground.

468. It was occupied by Mahomedans only.

469. It has lately been removed.

SANKLI TANK CAMP.

470. This camp consists of 21 rooms. Twelve of these rooms measure 12′ × 12′ and remaining nine 10′ × 11′.

471. The camp stands on Municipal ground.

472. Twenty-four rooms 10′ × 10′ are also provided for bhangies of the Health Department next to the above camp. They were occupied on payment of rent.

473. This camp is still standing. The occupants used the permanent Municipal latrines close by.

CONTACT CAMP AT JULAI HOSPITAL.

474. This camp consists of 20 rooms, each measuring 10′×10′, with a 5′ verandah. It stands on private ground.

475. The occupants used the latrines and water-taps which have been provided for the Julai Hospital.

476. This camp was used by Mahomedans only. It has been strengthened for the monsoon.

FORAS ROAD CAMP FOR KAMATEES.

477. This was an old camp consisting of 60 rooms, each measuring 10′×10′ with a 3′ verandah and a small enclosure in front of each block.

478. It was constructed by Rao Bahadur Elappa Balaram on private ground.

479. Subsequently during the year under review 76 new rooms were added to this camp by Rao Bahadur Elappa Balaram.

480. The portion of this camp newly constructed, which was standing on the low level ground and consisting of 76 rooms, was demolished in the beginning of the monsoon.

481. The remaining huts which were situated on high ground are still standing, and have been strengthened.

482. Water taps, latrines and bath rooms with lighting and drainage arrangements were provided by the Municipality in connection with this camp.

FORAS ROAD CAMP FOR HINDUS.

483. This camp consisted of 100 rooms each, measuring 10′×10′, with a 5′ verandah.

484. It was demolished in the beginning of the rains as it stood on low level ground.

GILDER STREET CAMP FOR MAHARS.

485. This camp consisted of 100 rooms, each measuring 10′×10′, with a 5′ verandah.

486. Fifty of the rooms were constructed on high ground and 50 on low land.

487. The roofs of twenty-five of the rooms were covered with jowlies and the remaining 75 with double matting.

488. A portion of this camp *consisting* of 50 rooms on the low level ground and 25 on high level ground were demolished in the beginning of the rains.

489. The materials have been stacked on the spot.

490. The remaining 25 rooms have been strengthened and allowed to stand during the rains.

MORLAND ROAD CAMP.

491. This camp consisted of 4 separate blocks, one for Julais, one for Hindoos, one for Mahars and one for Bhangies.

THE JULAI PORTION.

492. This consisted of 388 back to back rooms, each measuring 10′×10′, without verandahs.

493. The following additional accommodation was provided :—

(1) 14 blocks, each measuring 100′×20′, to accommodate 20 looms.

(2) A prayer shed.

(3) A large mandap for the preparation of threads by females.

(4) Bath-rooms for males and females.

(5) A Dhobi ghat.

(6) 35 seats of iron latrines and 39 temporary latrines.

(7) 26 water taps and arrangements for lighting and drainage with cesspool complete.

PORTION FOR HINDUS.

494. This consisted of 470 rooms, each measuring 10′×10′, with a verandah 5′ wide.

PORTION FOR MAHARS.

495. It consisted of 200 rooms, each measuring 10′×10′, with a verandah 5′ wide.

PORTION FOR BHUNGEES.

496. This consisted of 50 rooms, each measuring 10′×10′, with a verandah 5′ wide.

497. All the camps at Moreland Road, with the exception of some old huts, have been removed and the materials stacked on the spot.

GRANT ROAD CAMP.

498. This camp consisted of 55 rooms. 27 of these rooms have been formed by partitioning off a permanent open shed which was formerly used as a stable and which belongs to Mr. Panalal Punamchand. They are still occupied.

499. The remaining 28 rooms, 10′×10′, were erected in the compound of the premises.

500. The latter rooms were demolished in the beginning of the rains and the materials thereof utilized in strengthening the sheds in the permanent stables.

501. The neighbouring permanent privies, belonging to the same owner, have been used.

502. There is a separate hut for Ramosees.

CHOWPATTI CAMP FOR HINDOOS (NEAR BABULNATH).

503. This camp consisted of 100 rooms, each measuring 10′×10′, with a 5′ verandah.

504. It was erected on ground belonging to Government which was let out on a lease for cultivation.

505. Compensation had to be paid to the cultivators.

506. As the camp was situated on low ground it was demolished in the beginning of the monsoon.

GHORUPDEO CAMP.

507. This camp consisted of 180 rooms, each measuring 10′×10′, with a 5′ verandah.

508. It was erected on ground belonging to Sir D. M. Petit on payment of rent.

509. It was divided into three portions, one for Hindus, one for Mahomedans and one for Mahars.

510. As the camp was situated on low ground it has been removed.

NARIELWADI HEALTH CAMP.

511. This camp is an old one. It consists of 145 rooms, each measuring $10' \times 10'$, with a verandah 5' wide.

512. It stands on Port Trust ground, for which rent is paid.

513. This is a cosmopolitan camp for which the occupants pay rent.

514. Two rows of huts have been strengthened during the monsoon for the contacts.

515. These sheds are very old and require constant repairs.

NARIELWADI CONTACT CAMP.

516. This camp is also an old one.

517. It was originally used as an hospital.

518. Since its conversion it affords accommodation for about 1,500 persons of all classes.

519. In addition to the above the following has been provided :—

(1). Cooking arrangements, (2) bath rooms, (3) water taps, (4) latrines, (5) quarters for nurses, (6) camp master's quarters, (7) sweepers' quarters, (8) servants' quarters, (9) shed for fire brigade, (10) office room and (11) an engine room for the sterilizer for disinfecting clothes with a separate covered yard.

520. This camp being old, it requires constant attention.

521. It is still standing on Port Trust ground for which the Municipality pay rent.

NARIELWADI CONTACT CAMP AND HOSPITAL FOR MAHOMEDANS.

522. This camp consists of 60 rooms, $10' \times 10'$, with a verandah 5' wide. It also stands on Port Trust ground on payment of rent.

523. Out of these 60 rooms, 50 are used as Health Camp and 10 for contacts.

524. There is also a separate ward, $60' \times 25'$, for 12 patients.

525. This camp is now vacant.

ELPHINSTONE ROAD CAMP.

526. This camp consisted of 24 rooms, each 10′ × 10′, with a 5′ verandah.

527. It stood on Government ground and was occupied by low caste Hindus.

528. As the ground is low, the camp has been demolished.

DADAR CAMP.

529. This consisted of 30 rooms, each measuring 10′ × 10′, with a 5′ verandah.

530. It stood on Municipal ground.

531. This camp was occupied by all classes of people.

532. As it stood on low ground, it has been removed.

CAMP FOR DHOBIES AT ARTHUR ROAD.

533. This camp consists of 50 rooms, each 16′ × 10′, with a verandah 4′ wide. It stands on Municipal ground.

534. There are 6 water taps and 10 iron latrines with lighting, drainage and cesspool arrangements complete. It is now vacant.

CONTACT CAMP AT ARTHUR ROAD.

535. This camp consisted of 50 rooms, each 10′ × 10′, with a 5′ verandah.

536. As it was situated on low ground it has been demolished.

CAMP AT MAHIM, MORI ROAD.

537. This camp consisted of 24 rooms, each measuring 10′ × 10′, with a 5′ verandah. It stood on Municipal ground. Two water taps for the use of occupants were provided. The camp has been pulled down and the whole of the ground was dug up and disinfected.

CAMP TO THE WEST OF MAHIM STATION.

538. It consisted of 21 rooms. It stood on Municipal ground.

539. It was demolished as Plague cases had occurred in it.

540. The materials have been destroyed by fire.

CAMP AT WORLI PAKHADI.

541. This camp consisted of 30 rooms, each measuring 10′ × 10′, with a 5′ verandah.

542. It stood on private ground and was occupied by Hindus.

543. The camp was removed and the materials thereof stacked near the Worli Sluice House. They were subsequently utilized in the construction of the Mahim Hospital.

CAMP AT WORLI COLIWADA.

544. It consisted of 40 rooms.

545. It was occupied by Fishermen.

546. It has been removed and the materials thereof utilized for strengthening other camps, &c.

547. This camp stood on private ground.

BANDORA CAMP.

548. This is an old camp and is still standing.

549. It consists of 24 rooms, each measuring 10′×10′, with a 5′ verandah.

550. It is intended for the use of servants and occupants of the Bandora Slaughter House.

551. It has been strengthened for the monsoon.

BHUNGI MOHOLLA CAMP.

552. This Camp was erected for the halalkores of the Health Department in Bhungi Moholla at a total cost of Rs. 74-15-4.

553. It consists of 4 rooms and is intended to accommodate four families.

CAMP FOR HALALKORES OF THE HEALTH DEPARTMENT AT VALPAKHADY.

554. This camp has been formed in a bungalow belonging to Mr. Ahmedbhoy Habibbhoy which has been rented by the Municipality for one year at Rs. 200 per mensem. This is a semi-permanent camp and is of better materials than the others.

555. The Halalkores who were accommodated in a chawl at Oomerkhady, which was also rented by the Municipality from a private individual and which is not in a fit state for occupation, have been removed to this camp.

556. The accommodation provided is as follows :—

24 rooms have been formed in the main building itself by means of plank partitions. The koba flooring, roof and the doors and window shutters have been repaired.
60 rooms in double rows of sheds in the compound.
17 rooms in single row of sheds in the compound.
Latrines—Iron with 8 seats, 4 in a row with galvanized corrugated iron palisade.
4 water taps with a paved washing place.

Construction.

Floors—Earthen, a foot above the surrounding ground.
Walls—Of planks.
Doors and windows—Common, of plank.
Roof—Of corrugated iron sheets with a ridge ventilator.
Wood-work—Posts of teakwood 4″ diameter and in framing of the roof and partitions of jungle wood scantlings 3′×2″.

PRIVATE CAMPS.

557. Portions of the Maidan, opposite the Municipal Offices, and the open ground along the Kennedy Sea Face were placed at the disposal of the Municipality for being used for the erection of Health Camps. These were laid out to different communities for the erection of camps as described below.

558. All the different communities had erected huts at their own expense. The Parsi community and one faction of the Daivadnya community had put up a few tents in addition to huts. These huts were similar to those put up by the Municipality.

559. Latrine accommodation, cesspools and drainage and kerosine oil lamps in them were provided at Municipal expense in case of all the communities except the Parsi community who had made their own arrangements about this.

560. Sheds for sweepers were also provided by the Municipality.

561. These camps were removed by the respective communities in the beginning of the rains, except a portion of the Pathare Prabhu Community's Camp.

Parsi Community's Camps in front of the Municipal Offices at Cruickshank Road and at the Kennedy Sea Face.

CAMP IN FRONT OF THE MUNICIPAL OFFICES AT CRUICKSHANK ROAD.

562. Area about 10,000 square yards.

CAMP AT THE KENNEDY SEA FACE.

563. Area about 13,414 square yards.

Daivadnya Community's Camps in front of the New Police Magistrate's Court at Cruickshank Road and at the Kennedy Sea Face.

CAMP IN FRONT OF THE NEW POLICE MAGISTRATE'S COURT AT CRUICKSHANK ROAD.

564. Area about 2,853 square yards.

TWO CAMPS AT THE KENNEDY SEA FACE.

565. Area about 3,734 square yards.

Dakshni Brahmin Community's Camp at the Kennedy Sea Face.

566. Area about 5,470 square yards.

Somvanshi Kshatriya Community's Camp at Kennedy Sea Face.

567. Area about 3,072 square yards.

Gaud Brahmin Community's Camp at the Kennedy Sea Face.

568. Area about 3,599 square yards.

Pathare Prabhu Community's two Camps at the Kennedy Sea Face.

569. Area about 11,743 square yards.

Kayastha Prabhu Community's Camp at the Kennedy Sea Face.

570. Area about 1,867 square yards.

Kshatriya Community's Camp at the Kennedy Sea Face.

571. Area about 1,867 square yards.

Palsiker Community's Camp at the Kennedy Sea Face.

572. Area about 1,212 square yards.

Lohana Community's Camp at Frere Road.

573. Area about 1,786 square yards.

574. This camp was erected on the Port Trust ground by the community. Rent of the ground was paid by the Municipality. Latrines, water taps, bath rooms and drainage arrangements were provided by the Municipality at their own expense. This camp is still standing.

Chinchpokli Health Camp and Hospital for Messrs. Greaves, Cotton & Co.'s men.

575. This camp is still standing on Municipal ground. Latrines and water taps have been provided by the Municipality.

Parsi Health Camp on Frere Road between Alibag and Ooran Streets.

576. Area about 3,478 square yards occupied by tents.

577. This camp was put up by the Parsi Community on a piece of Port Trust ground taken up by the Municipality on payment of rent.

VINCENT ROAD CAMPS.

578. The open ground on both sides of Vincent Road, formerly belonging to the Municipality and which has recently been made over to the City Improvement Trust, was placed temporarily at the disposal of the Municipality by the Trustees for being allotted to private individuals for the erection of Health Camps.

579. Sites were allotted by this Department to those who applied, for them.

580. About 200 sheds were put up which were mostly occupied by Brahmins, Prabhus and Marathas of the better class.

581. Sheds were also put by the Bombay Gas Company, for their office staff, and also by the Kohinoor Mills Company for their mill hands and by Messrs. H. J. Rustomji & Company for their office staff.

582 All these sheds consisted of jowlees on roofs, mat-walls and cowdung flooring.

583. Water was supplied at Municipal expense through standpipes put up in convenient places.

584. The people erected their own privies, but the halalkore service was rendered by the Municipality, free of charge.

585. The Parsi community made use of the sheds which were erected on a portion of the ground during the previous year after repairing and strengthening them. They also made their own arrangements for water and privy accommodation.

DADAR CAMPS.

586. The open private fields between the two Railways at Dadar were occupied by about 200 sheds which were put up by Brahmins, Prabhus, Punchkalsis and other Hindus, at their own expense.

587. These camps also consisted of jowlees and mats huts and a few canvas tents.

588. Latrines were erected for the camps as necessity arose, and a number of standpipes and washing places were provided in places at Municipal expense.

ELPHINSTONE ROAD CAMPS.

589. In the open field to the west of the B. B. & C. I. Railway lines, between Elphinstone Road and Dadar Stations, several Christians, Kamatees and Brahmins and other Hindus had sought accommodation. This ground was the property of several private individuals. These camps numbered about 50, and consisted of huts of jowlees and mats.

590. Water was supplied through standpipes erected in convenient places at Municipal expense.

591. The people erected their own latrines, but the halalkore service was rendered by the Municipality, free of charge.

MATUNGA CAMPS.

592. These were on both sides of the Matunga Station.

593. About 300 sheds were erected by private individuals, on private ground.

594. Among them were Brahmins, Punchkalsees, Sonars, Marathas and Lohanas.

595. These sheds also consisted of jowlees and mats.

596. Municipal latrines were erected for each community's camp as necessity arose, and standpipes were also put up at intervals with washing places at Municipal expense.

MAHIM CAMP.

597. The Mahim-Mori Road people and others had erected their own camps on the east of the Mahim Station on open paddy fields. A little further from these camps, several Brahmins and Prabhus had erected their camps, on private ground. All these numbered about 150. The sheds were built of jowlees and mats, and latrine accommodation was given by the Municipality.

598. About 50 fishermen's sheds of jowlees and mats were allowed to be erected on the Mahim Foreshore, as the village they lived in, was visited by Plague. Water stand-pipes were put up for their use at Municipal expense.

MANMALA TANK CAMP.

599. Between Matunga and Mahim on the west of the B. B. & C. I. Railway lines, several Portuguese and Dakshni Brahmins had sought accommodation on private fields to the west of the Tulsi pipe line. Their sheds numbered about 40, and were constructed of jowlees and mats.

600. Privy accommodation and water-supply were given by the Municipality.

PRIVATE HOSPITALS.

Pathare Prabhu's Hospital.

601 This was erected in the Charni Road Gardens. Area about 7,388 square yards.

602. Latrines, water taps and drainage arrangements were provided by the Community itself.

603. Water was supplied by the Municipality free of charge.

Hindu Hospital.

604. This hospital was constructed by the members of the Hindu Communities. Area about 11,000 square yards, were occupied by wards, contact camps, recreation ground, etc.

605. This hospital was provided with latrines, a dhobi-ghat and water taps at Municipal expense.

Kshatriya Community's Hospital in the Charni Road Gardens.

606. Area about 2,566 square yards occupied by sheds.

607. Water was supplied by the Municipality.

HOSPITALS ERECTED BY THE MUNICIPALITY.

Mahim Hospital.

608. During the year under review, a temporary hospital has been constructed at Mahim, on the site of the old contact camp and to the west of the Mahim Station of the B. B. & C. I. Railway. The Hospital stands on Municipal ground.

609. It consists of 12 rooms each 16'×10', and a verandah 5' wide, quarters for nurses, a dispensary, Hospital Assistant's quarters with bath rooms, 1 store room, 5 cook-rooms for different castes, dhobi's washing place, and a dead house.

610. There is also an office room, an ambulance shed and a chowkey. The Hospital has been fenced all round.

611. A new pathway has also been constructed from the Station to the hospital for ambulances and carried up to the camp.

612. To the south side of this Hospital, there is a high piece of ground on which a contact camp has been constructed. This camp consists of 15 rooms, 10'×10', with a 5' verandah.

613. Stand pipes, sweepers' quarters and 5 latrines with cesspool arrangement have also been provided.

614. The materials used in construction are round posts with double bamboo mats and batten doors with double matting and the corrugated sheet iron for roofs.

615. The shed for sweepers, ambulances and chowkey have been covered with cadjans.

616. The estimated cost is Rs. 2,900, but the actual cost will be about Rs. 3,500.

Du Boulay Ward.

617. During the year a semi-permanent additional ward was constructed in connection with the Julai Hospital, which has been named "Du Boulay" Ward.

618. It consists of square jungle-wood posts and plates, bamboo mat frames fixed on hinges to open on flaps all round the verandah. The roof is covered with corrugated iron sheets.

Health Camp and Hospital in Bandora Slaughter House yard.

619. The following works were carried out at the Bandora Slaughter House :—

(1.) A new ward for Plague patients was constructed in place of the two old wards which had fallen down.

(2.) An Hospital for Mahars was provided in an old stable. It contains rooms for about 6 beds.

(3.) The Health Camp has been removed and rebuilt.

620. The following Municipal Hospitals were maintained during the year :—

(1.) Modykhana Hospital.
(2.) Julai Hospital.
(3.) Northbrook Garden Hospital.
(4.) Maratha Hospital.
(5.) Arthur Road Temporary Hospital.
(6.) Grant Road Hospital.
(7.) Parel Hospital.

MISCELLANEOUS.

Camp at Haines Road Cemetery.

621. Six rooms were constructed in the Haines Road Cemetery, each 10′ × 10′, with a 5′ verandah for the use of the grave diggers at the cemetery. These sheds have fallen down recently and the materials have been removed and stacked near the Worli Sluice House.

NURSES' QUARTERS, MODYKHANA HOSPITAL.

622. Three semi-permanent quarters for nurses with out-houses consisting of one cook-room and 3 servants' rooms, were constructed in connection with the Modikhana Hospital on ground belonging to the Port Trustees.

623. The materials used in construction are benteak wood posts, joists and planks and corrugated iron sheets.

624. The roof is covered with felt.

625. Separate bath-rooms have been provided.

LABORATORY AT GOVERNMENT HOUSE, PAREL.

626. A laboratory was fitted up during the year in the Government House, Parel, for the purpose of enabling Dr. Galliotti to carry on his researches at a cost of Rs. 505-9-3.

A

627. Statement showing the number of houses, &c., inspected, those found in need of improvement and also those which were considered fit for demolition :—

Districts.	No. of blocks inspected.	No. of blocks requiring improvement.	No. of blocks to be demolished.
Colaba...	45	44	1
Fort	278	265	6
Esplanade	.....	.....	.....
Mandvi	71	71	.....
Chuckla	27	27	.....
Umerkhari	314	293	21
Dongri...	97	88	9
Market...	137	130	7
Dhobi Talao	270	249	13
Fanaswadi	122	96	26
Bhuleshwar	153	152	1
Khara Talao	90	89	1
Kumbharwada	142	139	3
Khetwadi	93	92	1
Girgaum	56	35	21
Chowpati	11	8	3
Walkeshwar	51	41	10
Mahalaxmi	46	39	7
Mazagon	257	47	210
Tarwadi	66	45	21
2nd Nagpada	59	55	4
Kamatipura	3	3	.....
Tardeo...	99	76	23
Byculla	124	108	16
1st Nagpada	10	10	.....
Parel	9	9	.....
Sewri	.....	.....	.....
Sion	.....	.....	.....
Mahim...	1	1	.....
Worli	2	1	1
Total ...	2,633	2,213	405

B

628. Statement showing the number of notices issued under different

Bombay

DISTRICTS.	Number of notices issued to owners intimating to them improvements necessary to be carried out.	Number of notices issued under section 1 of Government Notification No. 228-P. of 10th February 1897, for closing the houses,		Number of plans scrutinized.
		With a view to enforce improvements.	For demolition.	
Colaba	43	23	11	63
Fort	234	46	5	93
Esplanade	.....	.....	.....	3
Mandvi	88	33	.....	27
Chuckla	117	25	3	65
Umerkhari	159	27	1	52
Dongri	114	51	1	19
Market	86	9	2	28
Dhobi Talao ..	327	46	27	105
Fanaswadi	68	9	5	4
Bhuleshwar... ...	125	22	.....	44
Khara Talao ...	70	15	2	21
Kumbharwada ...	96	75	.....	25
Khetwadi	60	9	.....	30
Girgaum	16	3	.....	34
Chowpati	2	1	1	17
Walkeshwar... ...	31	7	.....	63
Mahalaxmi	32	2	.....	31
Mazagon	57	31	.....	40
Tarwadi	34	28	1	4
2nd Nagpada ...	60	14	.....	20
Kamatipura... ...	97	122	13	34
Tardeo	73	11	4	16
Byculla	82	23	10	66
1st Nagpada ...	3	1	.....	2
Parel	9	5	1	68
Sewri	.....	.....	.....	10
Sion	.....	.....	.....	58
Mahim	.....	.....	.....	40
Worli	3	.....	.....	3
Total ...	2,086	638	87	1,085

Sections of the Government Notification No. $\frac{228\text{-P.}}{10\text{-}2\text{-}97}$, and of the City of Municipal Act 1888.

Number of houses the improvements of which have been taken in hand.	Number of notices issued under Government Notification No. 2675-3027-P. of 10th May 1898 for improving the means of Ventilation.	Number of notices issued for the demolition of sheds under the provision of the Municipal Act of 1888.		Number of houses and sheds demolished.	Number of notices issued under section 11 of Government Notification for the removal of overcrowding.	Number of houses in which overcrowding was reduced.	Number of notices issued under section 380 of the Municipal Act for improving sheds.
		Sections.					
		426	380				
40	20	3	3	10	.....	...	.....
78	14	...	1	5	7	...	.....
.....	.....	...	...	...	.....	...	.....
43	15	...	...	6	10	9	.....
61	26	...	...	1	1	1	.....
52	35	3	1	2	4	4	5
7	12	7	2	3	11	1	.....
16	1	2	1	...	5	2	1
155	4	...	16	56	29	12	9
5	6	10	1	6	13	10	.....
30	8	...	...	...	.....	...	.....
16	12	...	...	...	3	...	.....
30	69	...	...	...	3	...	1
6	12	...	1	...	.....	...	1
.....	.....	1	4	23	.....	...	6
.....	.....	2	...	3	.....	...	.....
3	3	2	1	6	1	1	2
6	.....	1	2	10	1	...	.....
10	28	116	3	63	8	8	.....
11	20	16	...	21	.....	...	.....
4	14	...	...	1	.....	...	3
80	75	...	...	59	3	...	.....
21	13	3	2	6	.....	...	2
26	12	20	7	12	10	7	.....
4	2	...	...	...	3	3	1
.....	.....	...	...	...	1	...	.....
.....	.....	...	...	...	.....	...	.....
.....	.....	...	...	...	.....	...	.....
.....	.....	...	...	...	.....	...	.....
.....	.....	...	...	...	.....	...	.....
704	401	186	45	293	113	58	31

C

629. Statement showing the particulars of compensation awarded during the year by the Government Assessor for buildings condemned for demolition :—

Consecutive Number.	House No.	LOCALITY.	Amount of Government Assessor's Award.
			Rs. a. p.
1	90	Kamatipura, 6th Street	40 0 0
2	88	" " "	40 0 0
3	86	" " "	55 0 0
4	84	" " "	65 0 0
5	92	" " "	40 0 0
6	94	" " "	50 0 0
7	12	" " "	120 0 0
8	85	" 5th "	80 0 0
9	20	" 9th "	60 0 0
10	14	" " "	70 0 0
11	16	" " "	50 0 0
12	18	" " "	40 0 0
13	133-145	" " "	310 0 0
14	14	" 11th "	100 0 0
15	27	" 12th "	80 0 0
16	43	" " "	120 0 0
17	54	" 2nd "	100 0 0
18	16	" 1st "	80 0 0
19	35	" " "	175 0 0
20	39	" 3rd "	80 0 0
21	122-126	" " "	290 0 0
22	106	" " "	30 0 0
23	85-87 (2)	" Bazar Road	90 0 0
24	57	Bohra Street, Colaba	200 0 0
25	101-107	Kamatipura, 8th Street	240 0 0
26	85-87 (2)	" Bazar Road	60 0 0
27	58	" 15th Street	35 0 0
28	64	" "	65 0 0
29	60-62	" "	75 0 0
30	175-177	Bhandari Street	550 0 0
31	144	Mutton Street	130 0 0
32	46	Nowroji Hill, 1st Street	60 0 0
33	71-73	2nd Marine Street	450 0 0
34	63-65	" "	400 0 0
55	1	1st Marine Cross Lane	180 0 0
36	36-38	2nd Marine Street	190 0 0
37	67-69	" "	350 0 0
38	8	1st Marine Cross Lane	240 0 0
39	19 (1)	Dady Santuk Lane	75 0 0
40	49	Dhuswady, Dhobitalao	175 0 0
41	64-66	" "	220 0 0
42	62	" "	220 0 0
43	60	" "	75 0 0
		Carried over...Rs.	6,155 0 0

Consecutive Number.	House No.	LOCALITY.	Amount of Government Assessor's Award.
		Brought forward...Rs.	Rs. a. p. 6,155 0 0
44	48	Churniwadi, Dhobitalao	275 0 0
45	25	" "	175 0 0
46	21	" "	120 0 0
47	38	" "	450 0 0
48	39	" "	120 0 0
49	90	" "	325 0 0
50	98	" "	75 0 0
51	58	" "	130 0 0
52	89	" "	360 0 0
53	23	" "	200 0 0
54	24-30	Girgaum Road, Dhobitalao	280 0 0
55	88	Sonapur Street, "	70 0 0
56	86	" " ...	190 0 0
57	1-2	Dhakji Kashinath Oart	175 0 0
58	12	Agripada	100 0 0
59	Abutting on the south-west of house No. 16.	"	70 0 0
60	39	"	130 0 0
61	40	"	160 0 0
62	38	Ripon Road	225 0 0
63	39	"	200 0 0
64	40	"	130 0 0
65	50	"	45 0 0
66	269	"	45 0 0
67	45	Kamatipura, 1st Street	55 0 0
68	43	" " "	65 0 0
69	37	" " "	100 0 0
70	39	" " "	225 0 0
71	79	" 5th "	60 0 0
72	28	" 6th "	35 0 0
73	113	" 8th "	220 0 0
74	2-6	Versova Street, 16th Kamatipura St ..	145 0 0
75	60	Charniwadi, Dhobitalao	220 0 0
76	70	" "	140 0 0
77	79	" "	120 0 0
78	81	" "	175 0 0
79	87-89 (1)	Sonapur Street	75 0 0
80	87-89	" "	100 0 0
81	In the rear west of house No. 134.	Cavelwadi "	50 0 0
82	192	" "	200 0 0
83	193	" "	250 0 0
84	191	" "	325 0 0
85	30	Ghoga Street, Fort	175 0 0
		Total Rupees...	12,890 0 0

D.

630. The following statement shows in detail the compensation, &c., paid for huts or sheds demolished or destroyed under Section 426 of the Municipal Act 1888:—

Consecutive Nos.	Names of parties.	Shed No.	Locality.	Amount paid. Rs.	a.	p.
1	Cowasji Cooverji Mistry...	15	Ambawady, Ghorupdev Road.	102	0	0
2	Bai Gulab, widow of Halachand Ambaidas.	2	Dhakji Parbhu's Oart Road.	56	0	0
3	Judia Tuljaram Laldas ...	15-A	Ambawady, Ghorupdev Road.	120	0	0
4	Do. ...	5	Koliwada, do.	58	0	0
5	Do. ...	6	Do. do.	125	0	0
6	Pattu Sadooji Yadev ...	4	Dhakji Parbhu's Wadi	96	0	0
7	Rama Raghoo Malvi ...	7	Do. ...	80	0	0
8	Jakhan Dassu Purdesi ...	10-A	Do. ...	37	14	7
9	Syed Munshi Valad Ajum Syadally.	18	Do. ...	60	0	0
10	Mariambai, widow of Tyabally Allibhoy.	19	Do. ...	73	0	0
11	Rama Dhondoo More ...	1	Do. ...	53	0	0
12	Babaji Ramji	26	Do. ...	68	0	0
13	Hari Dhondu Lokhunde..	9-A	Do. ...	81	0	0
14	Luxmon Krishna Sinde ...	10	Do. ...	58	0	0
15	Luxmon Vithoba... ...	3 South block.	Reay Road	83	0	0
16	Govind Vithu	3 North block.	Do.	74	0	0
17	Ladak Nathu	East of No. 1.	Do.	55	0	0
18	Bhima Lakhoji	1	Do.	98	0	0
19	Radelal	1	Do. Kasara St.	40	0	0
20	Rama Bapu	29	Do.	54	0	0
21	Bhawanji	North of 29.	Do.	1	0	0
22	Rajalal Bhai	1	Do.	40	0	0
23	Luxmon Hiroo	35	Do.	57	0	0
24	Cowasji Dhanji	20-I	Do.	2	0	0
25	Tukaram Sakharam ...	East of 20-I.	Do. Passage E.	18	0	0
26	Juman Dost Mahomed ...	33	Do. do.	21	0	0
27	Do. ...	33-A	Do. do.	25	0	0
28	Daji Amrit Ghalji ...	10	Do. do.	13	0	0
29	Tukaram Pisal	East of 10.	Do. do	6	0	0
30	Kazi Isuf Mahomed ...	2	Do. do.	60	0	0
31	Ganjaram Bapu	East of 1.	Do. do.	21	0	0
32	Essufkhan Fatekhan ...	2	Do. do.	113	0	0
33	Devji Sadu	East of No. 2	Do. do.	2	0	0
			Carried over...	1,850	14	7

Consecutive Nos.	Names of parties.	Shed No.	Locality.	Amount paid.
			Brought forward...	Rs. 1,850 a. 14 p. 7
34	Khandoo Paver	.....	Dharukhana	14 0 0
35	Bhawani Thombre ...	.....	Do.	28 0 0
36	Ram Ratan Gowli ...	.....	Do.	6 0 0
37	Mahadoo Saratha... ...	.....	Do.	1 8 0
38	Rama Pitha Dewkar ...	15 Rd.B.	Do.	36 0 0
39	Ram Charn Ram Narayen	.....	Do.	8 0 0
40	Ramji Luxmon & Anandji Sadhram Dongri.	13 Rd.B.	Do.	66 0 0
41	Balaji Luxmon Hinge ...	11 „	Do.	73 0 0
42	Ganaji Manaji Shelkar ...	9 „	Do.	60 0 0
43	Bala Essu	11 „	Do.	60 0 0
44	Sakaram Ramji	38 passage F.	Do.	56 0 0
45	Do.	South of 7.	Do.	22 0 0
46	Rama Manaji Tonge ...	North-east of 13 passage E.	Do.	6 0 0
47	Rama Pardhan Kedare ...	North-west of 13.	Do.	2 0 0
48	Ladak Nathoo	3-11 passage A.	Do.	134 0 0
49	Essufkhan Fatekhan ...	4 Rd.B.	Do.	142 0 0
50	Anaji Saularam Dongre...	2 „	Do.	21 0 0
51	Manekji Dhanji	West of 3-11.	Do.	17 0 0
52	Essoo Hari...	Do.	Do.	5 0 0
53	Joshiba	West of 13.	Do.	20 0 0
54	Khondabai Malitha ...	21	Do.	270 0 0
55	Rama Kedari	South of 21.	Do.	3 0 0
56	Salva Khanga	East of last.	Do.	3 0 0
57	Ramdeen	West of 21.	Do.	4 0 0
58	Ganoo Luxmon	South of last.	Do.	23 0 0
59	Tukaram Pisal	North of last.	Do.	4 0 0
60	Dharma Subana	Do.	Do.	13 0 0
61	Jothi Powar	Do.	Do.	3 0 0
62	Chandra Godu	Do.	Do.	4 0 0
63	Dharma Subanji	Do.	Do.	6 0 0
64	Tukaram Rana	South of last.	Do.	12 0 0
65	Rabba Neoji	N.E. of 21.	Do.	4 0 0
66	Bai Vathabai Govinda ...	S.E. of last	Do.	6 0 0
67	Suba Mahadeo	South of last	Do.	4 0 0
68	Salva Vithu	West of last.	Do.	2 0 0
			Total Rs. ...	2,989 6 7

631. Statement showing the Number of Latrines, &c., constructed in connection with the measures taken for the Suppression of the Plague, during 1898 and 1899.

Locality.	Details of Work.															Amount.		
	Cesspools.	Bamboo Latrines.	Iron Latrines.	Open Channels.	Vent Pipes.	Iron Sheet Channels.	Inspection Chamber.	6" Pipe Drain.	4" Pipe Drain.	Urinals.	Dhobi Ghat.	Washing Place.	Band for Stand Pipe.	Flushing Tank.	Mud Drain.	Sewer trap.	Rs.	a.	p.
Curry Road	Removing and re setting existing paving and providing kerbing, &c.															...	26	3	8
Fergusson Road ...	Connecting Stand Pipe ...						...	...	...	...	...	...	...	...	...	...	72	6	2
Maratha Plague Hospital ...	Constructing a disinfecting place and stand pipe						...	...	...	...	...	...	...	...	...	...	151	5	10
Do. do. ...	Excavating Kutcha channel.						...	...	...	...	...	...	...	...	...	...	352	15	3
Colaba Hospital	Draining and paving the stand-pipe						...	...	...	...	...	...	...	...	...	...	46	14	10
Jail Road	...	4	...	15	1	...	1	70	12	...	...	...	...	...	...	...	298	12	3
Ghorupdeo Camp	2	18	...	58	...	...	...	94	26	...	...	...	3	...	580	...	630	11	10
Northbrook Garden	...	6	...	17	2	...	3	146	20	...	...	...	2	...	...	...	509	3	6
Arthur Road Hospital	1	...	...	...	...	...	...	50	...	...	...	...	...	...	...	1	105	15	9
Segregation Camp for Mill hands on DeLisle Road ...	2	5	...	...	1	...	2	287	42	...	...	...	2	...	...	...	493	12	3
	Cleaning drain			...	...	...	...	...	...	...	...	...	...	...	...	...			
Duncan Road Cross Lane ...	Cleaning drain			...	...	...	...	...	...	...	...	...	...	...	...	...	1	4	8
Modikhana Hospital	...	...	...	234	...	...	...	...	34	...	...	...	...	...	...	...	310	13	6
Marine Line P. Camp	...	...	...	274	...	...	1	126	...	...	...	...	...	...	...	...	534	4	5
Paltan Road Camp	1	7	...	80	1	...	...	38	...	...	...	...	...	...	...	1	270	8	6
Byculla Camp	Cleaning drain			...	...	...	...	...	...	...	...	...	...	...	...	...	15	0	0
Dadar Private Camp	7	20	25	255	...	...	...	...	...	...	...	...	...	...	...	...	460	10	6
Kennedy Sea Face P. Camp ...	3	25	...	77	...	432	1	56	...	...	...	...	1	...	...	...	404	6	6

Piroo Lane Camp	...	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	91	12	6
Byculla Julai Camp	1	16	...	50	...	...	...	...	5	...	...	...	...	...	...	...	183	7	5
Dadar Camp 12-Block... ...	1	...	5	32	...	...	...	...	...	...	...	1	...	...	...	...	160	13	4
Kennedy Sea Face	2	...	...	...	...	...	...	322	...	...	...	...	...	1	...	...	123	10	2
Do. Pathare Prabhu Camp	3	14	...	35	...	...	...	62	35	2	...	1	...	...	...	...	249	5	0
Elphinstone Road, Dadar ...	1	...	5	35	...	...	...	...	...	...	...	...	...	...	...	...	90	0	3
Arthur Road Hospital	1	4	...	32	...	...	...	...	...	...	...	..	...	...	...	...	263	3	2
Frere Road Lohana Camp ...	...	1	5	...	...	42	2	58	...	2	...	4	...	...	...	2	360	9	10
Arthur Road	1	...	10	40	...	...	...	...	...	...	...	...	...	...	...	...	125	4	0
Chowpatty Government ...	1	...	20	52	...	...	...	...	12	...	...	...	...	...	...	...	286	0	9
Kennedy Sea Face Health Camp.	1	...	10	30	1	235	...	121	10	...	...	4	...	...	...	...	264	1	4
Charni Road Garden	1	...	5	94	...	...	...	...	...	...	1	1	...	...	...	...	200	7	5
Cruickshank Road Camp ...	1	5	...	16	...	...	...	...	...	...	...	...	...	...	...	...	35	4	0
Crawford Market Camp ...	1	3	...	70	1	...	...	45	...	...	...	..	...	...	...	1	322	0	7
Narielwadi Camp	1	10	...	55	...	...	...	50	20	...	2	...	3	...	...	...	433	9	7
Dadar and Mahim	2	20	...	64	3	...	...	...	...	...	...	...	...	...	...	...	1,440	6	8
Arthur Road Hospital	...	...	...	Wall around (3) stand-pipes								...	...	...	...	...	179	8	0
Belasis Road	...	20	...	60	...	...	...	...	...	...	...	...	...	...	...	...	401	12	2
Cruickshank Road D. Camp ...	1	4	...	16	...	...	...	...	...	...	...	...	...	...	...	...	144	5	8
Kennedy Sea Face	...	4	...	43	...	...	...	...	...	4	...	1	...	...	...	...	119	15	9
Ghorupdeo Road Camp ...	1	8	...	30	...	...	...	...	...	...	...	...	...	...	...	...	331	5	5
Charni Road Garden	...	5	...	17	...	...	1	56	...	...	...	...	...	...	...	...	30	14	4
Cruickshank Road	1	...	...	187	...	...	...	...	...	...	...	...	...	...	...	...	131	12	4
Byculla Mahar Camp	1	6	...	30	...	...	...	...	..	...	...	...	...	...	...	...	185	9	2
Belasis Bridge, Shivlal M. ...	1	10	...	30	...	...	...	50	...	...	...	...	...	...	...	...	342	3	3
Marine Line Station	...	2	...	...	...	...	...	15	...	1	...	...	...	...	...	...	49	5	5
Crawford Market H. Camp ...	...	...	...	58	..	...	...	...	...	...	...	...	...	...	...	...	52	14	11
Ghorupdeo Road Camp ...	...	...	...	Constructing platform.					...	...	...	...	...	...	...	...	53	8	7
Narielwadi Camp	1	10	...	55	...	...	...	...	...	...	...	...	...	...	...	...	407	0	0
Arthur Road Hospital... ...	1	5	...	16	...	...	...	...	...	...	...	...	...	...	...	...	222	0	0
Matunga Station	1	5	...	16	...	...	...	...	...	...	...	...	...	...	...	...	260	5	3
Carried over...Rs.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12,208	3	8

Locality.	Details of Work.															Amount.		
	Cesspools.	Bamboo Latrines.	Iron Latrines.	Open Channels.	Vent Pipes.	Iron Sheet Channels.	Inspection Chamber.	6" Pipe Drain	4" Pipe Drain.	Urinals.	Dhobi Ghat.	Washing Places.	Band for Stand Pipe.	Flushing Tank.	Mud Drain.	Sewer Trap.	Rs.	a.	p.
Brought over . Rs.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12,208	3	8
Kennedy Sea Face Gymkhana ...	...	...	...	10	...	...	...	...	...	2	...	...	...	...	...	...	77	3	0
Charni Road Garden	...	...	...	...	...	100	...	...	...	...	...	...	...	...	...	...	15	1	0
Dadar and Mahim Station west of new B. B. & C. I. Railway	1	5	...	16	...	...	...	...	...	...	...	...	...	...	...	...	232	0	0
Chinchpoogly Road	1	5	...	16	...	...	...	...	...	...	...	...	...	...	...	...	137	8	3
Parel Village Road	Providing stand pipe.					...	...	...	...	...	...	...	...	...	...	...	48	14	2
Fergusson Road	Constructing stand pipe.					...	...	...	...	...	...	...	...	...	...	...	81	3	11
Matunga Deccan Brahmin ...	1	10	...	30	...	...	...	...	...	...	...	...	..	...	...	...	349	1	7
Chowpatty	Constructing open drain and connecting it with street sewer.													...	...	...	117	15	11
Sussex Road	...	...	...	...	...	...	...	64	...	...	...	1	...	...	...	...	113	2	1
Foras Road Drainage Chowki ...	Constructing sheds at Foras Road Drainage Chowki											...	...	...	...	...	358	5	9
Arthur Road Hospital	Constructing one chamber Latrine for Europeans											...	...	...	...	...	722	4	2
Matunga Luhana H. Camp ...	1	5	...	16	...	...	...	...	...	...	...	...	...	...	...	...	209	8	9
Arthur Road Hospital	Constructing an open half round channel from the stand pipe											1	...	...	...	...	440	12	4
Pultan Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29	3	4
Arthur Road Hospital	Draining the stand pipe for the contact camp									...	...	...	...	...	...	...	49	11	0
Do. do.	Constructing a masonry Band to cut off overflow											Tank		...	...	...	860	0	0
Do. do.	Making concrete floors for the two bath rooms									...	...	...	..	...	...	...	40	8	0
Foras Road	Giving water connection and constructing nahanis, &c.									...	...	...	..	...	...	...	209	12	5
Byculla Julai Camp Hospital ...	Enlarging existing washing places.							...	...	...	...	...	...	...	...	...	61	8	2

DeLisle Road	Connecting Nahanis and washing places of the Parsee Camp																					116	7	0
Colaba 3rd Pasta Lane... ...	1	8	32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	246	5	4
Marine Lines Station	...	...	...	16	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	76	14	11
Vincent Road P. Camp ...	1	4	...	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	173	2	10
Marine Line P. Prahboo Camp...	2	...	Constructing Inspection Chamber																			22	5	4
Vincent Road Drain	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	204	9	10
Modikhana Hospital	...	...	...	...	...	...	3	119	...	...	...	...	...	...	...	...	...	...	...	...	1	334	0	0
Charni Road Garden	1	...	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34	0	0
Dadar Private Camp	Repairing the door of the Latrines																					56	0	0
Walpakadi	1	...	10	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	125	0	0
Colaba 3rd Pasta Lane... ...	1	...	...	34	...	...	...	20	10	...	...	...	...	...	...	...	...	...	...	...	...	133	0	0
Matunga Luhana Camp ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	60	0	0
Vincent Road	...	...	...	sec.	A	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	410	0	0
Maratha Plague Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	160	0	0
Mahim F. and G. Wards ...	Closing latrines with button F & G Wards																					50	0	0
Walpakadi drain	36 Repairing F 6" iron pipe for draining washing place.																					0	5	4
Northbrook Garden	Cleaning drain. 1																					40	0	0
Mahim Plague Hospital ...	1	...	5	16	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	300	0	0
Do. do. additional 10 C.	Constructing brick Masonry chulas and nahanis, &c.																							
Colaba Stuart Strong Hospital...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	200	0	0
Narielwady Camp	Surface drain.																					10	0	0
Dadar Private Camp	Removing 3 blocks of iron latrines and given them in charge of Govt. Stores.																					19	0	0
Total Rupees...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19,133	2	1

F

632. Statement of stand pipes erected at different Camps, Hospitals, &c., together with their cost during the year ending 31st May 1899 :—

No.	Description.	No. of stand-pipes.	Amount.
			Rs. a. p.
1	Erecting Standpipe at Tank Street	1	23 5 7
2	Do. Worli Coliwada ...	1	120 5 3
3	Do. Chambhar Lane (Guzri Bazar)	1	33 10 1
4	Do. Agripada	1	33 12 9
5	Do. Kakadwadi	1	28 12 8
6	Do. Worli Coliwada ...	1	180 13 7
7	Do. Ghogari Mohlla ...	1	72 15 7
8	Do. Kika St, Bhoiwada and Ghogari Moholla ...	1	45 4 2
9	Do. Modikhana Hospital ...	1	26 11 4
10	Do. Kika Street	1	91 4 8
11	Do. for Police on Plague duty, Sion Causeway.	1	56 14 2
12	Do. Govt. House, Parel ...	1	17 0 5
13	Do. Ghogari Moholla Cross Lane	1	63 5 11
14	Do. Umarkhadi Road ...	1	28 9 9
15	Do. do. Cross Lane.	1	95 14 10
16	Do. Kennedy Sea Face ...	1	52 14 9
17	Do. Parel Road	1	36.11 4
18	Do. Ferguson Road, Parel..	1	34 12 3
19	Do. Kennedy Sea Face ...	1	122 12 5
20	Do. Kazi Street	1	33 14 2
21	Do. Mahim Bazar Road ...	1	64 15 3
22	Fixing taps at Vithal's Camp, Colaba ...	...	9 0 1
23	Do. Segregation Camp at Kennedy Sea Face	...	10 10 8
24	Do. at do. do. Esplanade Parade Ground.	...	28 0 2
25	Reconnecting 3" main and fixing taps for Daiwadnya Community's Camp, at Kennedy Sea Face	...	20 12 0
26	Erecting standpipe at Naigaum Road ...	1	7 8 5
27	Do. at DeLima Road	1	42 3 3
28	Fixing taps in the male quarters, Byculla Camp	...	16 14 7
29	Erecting standpipe at Colaba Hospital ...	1	46 2 2
30	Do. and fixing taps, &c., at Kennedy Sea Face, Pathare Parbhoo Hospital...	1	16 10 0
31	Erecting standpipe at Stable Street	1	62 7 1
32	Do. Carrol Road	1	60 15 9
33	Do. Baboola Tank Camps	2	109 15 5
34	Do. Moreland Road...	2	179 5 11
35	Do. for the Pathare Parbhoo Community's Camp, at Kennedy Sea Face	1	28 11 4
36	Erecting standpipe, at Surat Street	1	46 1 3

No.	Description.	No. of stand-pipes.	Amount.
			Rs. a. p.
37	Providing taps at the Daiwadnya Community's Camp, opposite the Camp Hospital... ...	...	9 5 10
38	Fixing taps, &c., at Pathare Parbhoo Community's Hospital at Charni Road	...	4 1 4
39	Laying pipes, &c., in Koshroo Lodge, Nesbit Lane	...	208 8 3
40	Erecting standpipe at Bhandari Street ...	1	21 6 1
41	Do. Esplanade Cross Lane	1	35 13 10
42	Do. for the Camps erected on Sir D. M. Petit's ground at the Junction of Ghorupdeo and Arthur Roads.	1	206 12 5
43	Do. Dharavi Road... ...	1	28 12 5
44	Do. Kamatipura 14th St....	1	40 1 4
45	Do. for the Camps erected at Dadar between B. B. & C. I. Ry. & G. I. P. Railway ...	1	38 10 10
46	Do. for the Camp at Jail Road	1	62 5 11
47	Do. Kennedy Sea Face ...	1	13 12 5
48	Making water connection for the Hospital at Government House, Parel	...	10 12 2
49	Erecting standpipe in Ward No. 4, at Modikhana Hospital...	1	28 11 4
50	Providing water-taps for the Kayasta Prabhoo Community's Camp at Kennedy Sea Face..	...	5 4 4
51	Providing Palseker Brahamin Community's Camp at Kennedy Sea Face...	...	1 2 9
52	Erecting standpipes for the sheds at Grant Rd.	1	59 12 5
53	Do. for the Camps at Northbrook Garden ...	1	47 3 11
54	Do. for the Shed constructed at Palton Road ...	1	305 14 5
55	Do. Surat Street	1	57 15 3
56	Do. for the Camps at Peeru Lane	1	66 2 9
57	Making connections for Mr. Vaiday's Camp near Matunga	...	27 14 1
58	Erecting standpipes at Dadar Camps... ...	1	133 7 10
59	Do. for Pathare Parbhoo community's Camps at Kennedy Sea Face ...	1	104 1 11
60	Fixing meter at Pathare Parbhoo Community's Camps Hospital at Charni Road ...	...	7 0 2
61	Erecting standpipe at Chinch Bunder Road.	1	26 5 5
62	Do. for the Camps at Kennedy Sea Face	1	30 4 0
63	Providing water-tap for the sheds at Dadur Road	...	3 10 1

No.	Description.	No. of stand-pipes.	Amount. Rs. a. p.
64	Erecting standpipes at the Junction of Dadur Road and Elphinstone Road ...	1	74 2 9
65	Do. behind Mr. Vaidya's Camp between two Railways lines near Matunga Station ...	1	68 12 2
66	Making water connection for the Lohana Camp near Argyle Road	...	122 5 7
67	Providing water taps for Julai's Camp at Byculla	...	13 8 8
68	Erecting standpipe for the Bhatias Camp at Gokuldass Tejpal Hospital	1	125 13 3
69	Do. for the sheds put up by Mr. Moroba behind the Mahim station	1	22 5 6
70.	Do. for Dhobi Camp erected to the east of Arthur Road Hospital	1	58 3 4
71	Fixing taps to the standpipe at Chandrasein Kayastha Prabhoo Community's Camp at Kennedy Sea Face	...	12 9 6
72	Erecting standpipes, &c., for the Camps erected for the Pathare Parbhoo Community's Camp at Kennedy Sea Face and at the north of Hindu Gymkhana ...	1	108 10 0
73	Do. at Rowli Hill, Gowari Village, near Matunga..	2	195 12 2
74	Do. for Narsoo's Camp at Modikhana	1	42 4 5
75	Do. for the Dakshni Brahamin Camp at Kennedy Sea Face...	1	126 1 8
76	Do. in the compound of the Old Govt. Distillery at Chowpatti	2	117 15 10
77	Do. at Sion Road	1	72 15 3
78	Do. at Hornby Road for Vaccination Department ...	1	38 0 5
79	Do. at Modykhana Hospital...	1	15 15 4
80	Do. at Dharavi near Sion Station	1	24 5 6
81	Do. for the Camps occupied by Messrs. Harichandra Gopinath and others at Vincent Road	1	49 5 3
82	Fixing taps at Cruickshank Road Camps ...	...	9 12 4
83	Erecting standpipe at Durgadevi Street ...	1	31 15 8
84	Do. for the Camp erected at Dharavi near Sion ...	1	71 10 9

No.	Description.	No. of stand-pipes.	Amount.
			Rs. a. p.
85	Erecting standpipe for the Hindu Hospital in Charni Road Garden.	1	48 9 10
86	Do. for the Gawd Brahamin and Somvanshi Kshatriya Camps at Kennedy Sea Face	1	66 12 3
87	Do. for the inhabitants of Worli Koliwada on the West side of the Worli Hill	1	309 6 0
88	Do. for the Kokni Plague Hospital at Musjid Street	1	54 4 9
89	Do. for the Stable of Grant Road Bridge... ...	1	26 2 6
90	Do. at Supari Baugh Road ...	1	41 12 0
91	Fixing additional taps at Vincent Road ...	...	5 6 7
92	Erecting standpipe at Mahim Camps	1	10 0 8
93	Do. at Matunga	1	252 2 11
94	Do. at Dadar Camp	1	179 13 3
95	Do. at Narielwady Health Camps	1	83 2 4
96	Fixing Meter to the connection made for Hindu Hospital at Charni Road Garden ...	...	8 9 3
97	Erecting standpipe at Palsy Brahmin Camps at Kennedy Sea Face ...	1	46 4 8
98	Do. for the huts constructed on Mr. Shivlal Motilal's ground at Bellasis Road	1	159 10 10
99	Fixing taps to the standpipes at the Camp occupied by Mr. G. S. Trilokekar along Vincent Road	...	17 6 7
100	Erecting standpipe for the women at the Narielwady Health Camp	1	30 7 5
101	Do. at Pathan Street ...	1	27 13 8
102	Do. for the sheds erected at the south of Kohinur Mills at Vincent Road.	1	45 8 6
103	Do. for the sheds at Matunga on the west of Vincent Road	1	30 1 9
104	Erecting standpipe for the sheds erected by Messrs. Keshav Vishnoo and Balkrishna P. Pundit and others between Dadur and Elphinstone Road	1	38 8 10
105	Do. at the washing place at Pathare Parbhoo Hospital at Charni Road ...	1	74 11 7

No.	Description.	No. of stand-pipes.	Amount.
			Rs. a. p.
106	Fixing taps to the standpipes at Vincent Road for the sheds erected by the Gas Company for their Office staff	...	5 8 10
107	Erecting standpipe for Daiwadnya Health Camp at Cruickshank Road.	1	11 13 10
108	Do. at Arthur Road Hospital...	1	203 6 9
109	Providing boxes to the stand pipe in F and G Wards	...	170 13 2
110	Opening standpipes for the Charni Road Camps	...	73 14 8
111	Erecting standpipe for Mulji Nathoo Camp at Matunga	1	87 15 7
112	Do. for Mahar Camps at Byculla	1	307 12 4
113	Enlarging standpipe for the Camps at Dadar and Matunga	...	14 1 10
114	Erecting standpipe for the Camps between Dadar & Mahim Station near Manmalla Tank ...	1	40 14 6
115	Do. for the Camps put up by Mr. Moroba Dhanaji behind Mahim Station ..	1	109 10 0
116	Do. for the huts on the east of Matunga Station ...	1	125 0 9
117	Do. for the people of India Mills at Chinchpokly Road	1	40 15 3
118	Do. for the sheds erected by Messrs. Gajanan Ramchandra and others at Worli Pakhady... ...	3	427 6 2
119	Do. between Worli Sluice House and Old Parbhadevi Road	1	32 7 9
120	Do. for the Camps on the east side of Mahim Station...	2	250 3 11
121	Do. at Cruickshank Road ...	1	85 11 0
122	Do. at 2nd Pathan Street ...	1	30 7 9
123	Do. Lohanas' Segregation Camp at Matunga ...	1	45 8 4
124	Do. for the camp on the north-east of Munpl. Health Camp, Dadar, on the east of G. I. P. Ry. line ...	1	155 2 7
125	Do. at Connaught Road Maratha Hospital... ...	2	49 4 8
126	Do. for the Camps on the west of Matunga Station ...	1	90 12 5
127	Do. for the use of fishermen and others near Mahim Causeway	1	72 11 3

No.	Description.	No. of stand-pipes.	Amount.
			Rs. a. p.
128	Erecting standpipe at Vincent Road for the use of Kohinur Mill work-people ...	1	74 14 0
129	Enlarging connection at Matunga Camp ...	...	23 10 6
130	Erecting standpipe for the sheds erected near Matunga Station ...	1	65 9 1
131	Do. at Sion, near Dharavi ...	1	70 10 6
132	Shifting standpipe from the east of Mr. Hate's Huts in the middle of Brahmin Camp, at Matunga	...	16 9 6
133	Erecting standpipe in Colaba at the end of 3rd Pasta Lane... ...	1	30 15 9
134	Do. on the side of premises belonging to Mr. Ahmedbhai Habibbhai at Walpakhadi	1	82 11 0
135	Erecting an additional standpipe for the Hindu Camp between Dadar and Elphinstone Road Stations	1	21 14 8
136	Erecting standpipe at Vincent Road	1	6 12 8
137	Do. do.	1	97 4 1
138	Do. Matunga Brahmin Camp ...	1	38 15 10
139	Do. Near Matunga Station ...	1	31 2 9
140	Do. Elphinstone Road	1	43 6 2
141	Fixing taps to the standpipe at Mahim shore.	...	9 0 9
142	Erecting standpipe at Vincent Road	1	202 13 5
143	Do. between Dadar and Elphinstone Road Stations near Christian Camps on the west side of Tulsi pipe ...	1	47 14 10
144	Fixing Meter to the Hindu Fever Hospital at Charni Road garden	...	8 3 6
145	Erecting standpipes at Elphinstone Road Station	...	73 13 0
146	Do. for the sheds erected in the front of Narayen Mahacoo's Chunam Kiln behind the Matunga Station	1	249 9 6
147	Do. for the sheds near Mahim Station	1	38 9 8
148	Erecting additional standpipe for the Segregation Camp, Cruikshank Road	1	14 1 3

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633. The following is a list of Camps, &c., erected, strengthened, repaired and pulled down during the year 1898-99 in connection with the measures taken for the suppression of the plague :—

Name of Work.	Expenditure.		
	Rs.	a.	p.
Pulling down the Camp at Churney Road	394	8	1
Do. do. at Cruickshank Road	167	12	6
Do. do. at Byculla, North...	434	14	5
Do. do. at Byculla, South	377	2	0
Do. do. at Matunga	352	10	7
Do. do. at Dadar	1,025	15	4
Do. do. on the West of Vincent Road ...	65	0	0
Do. do. do. Elphinstone Camp	251	4	6
Do. do. at Vincent Road	9	12	6
Do. do. at Foras Road	151	9	0
Do. do. at Kennedy Sea Face	211	15	7
Do. do. at Colaba	36	8	7
Do. do. at Market...	32	7	0
Do. do. Sheds at Pilot Bander	9	10	0
Do. do. at Marine Lines	11	11	6
Removing Police Hospital at Foras Road	6	9	0
Do. Office at Grant Road	6	2	0
Pulling down the Chauki at Khara Talao...	4	2	0
Do. do. at Bibi Jan Street	1	14	0
Strengthening Camps at Modikhana	848	3	2
Do. do. at Sankli Tank	884	12	0
Do. Sheds near Gokuldas Hospital	1,233	6	6
Do. Camps at Wari Bunder	1,605	12	11
Do. do. at Narielwadi	2,056	8	2
Do. do. at Victoria Bunder	258	5	0
Do. Elphinstone Bridge Camp	976	6	3
Do. Hindu Fever Hospital at Government House, Parel	72	9	5
Do. Hospital at Grant Road	185	10	1
Do. do. at Modikhana	2,092	6	2
Do. Maratha Hospital	1,066	8	10
Do. Mahomedan Hospital, Madanpura	141	0	0
Do. Hospital at Bandora	382	1	9
Do. Mahomedan Hospital, Northbrook Gardens..	952	5	5
Do. Office at Queen's Statue	22	10	0
Do. do. at Girgaum Back Road	57	13	6
Do. do. at Dhobi Talao	187	1	6
Do. do. at Argyle Road	31	12	0
Do. do. at Colaba District No. 1	22	8	0
Do. do. at Government House, Parel ...	7	10	0
Do. do. at Paidhoni	178	7	6

Name of Work.	Expenditure.		
	Rs.	a.	p.
Strengthening chauki at Mahim	6	14	0
Making partitions to the Arthur Road Hospital	37	15	6
Counting bamboos at Government House, Parel	5	8	0
Erecting nurses' quarters, &c., at Bandora	74	6	8
Repairs to out-buildings at Government House, Parel ...	6	7	0
Repairing chauki at Jail Road	6	2	0
Erecting shed at Modikhana	303	14	10
Cleaning and repairing Arthur Road Hospital	1,674	15	2
Removing the sheds at Kennedy Sea Face and filling in the hollows	513	2	0
Supplying sand at Maratha Hospital	32	8	0
Removing huts from the Port Trust ground at Modikhana..	150	11	11
Repairing huts on the north side at Mahim Station ...	348	4	6
Repairing Dhobis' place at Maratha Hospital	9	8	0
Erecting a shed at the south-end of the Mahim Causeway ...	27	12	4
Repairing roads in Maratha Hospital	22	8	0
Repairing chauki at Gibbs Road	37	5	6
Ventilating Maratha Hospital Wards, &c....	747	2	3
Fixing Laboratory at Government House, Parel	505	9	3
Removing the materials from Colaba, B. B. & C. I. Railway.	8	0	0
Erecting a shed on Maidan for inoculation	26	9	0
Constructing a chauki near the Umerkhadi Jail	8	1	6
Constructing nurses' quarters at Modikhana	165	0	0
Repairing nurses' quarters at Government House, Parel ...	29	6	0
Repairs to nurses' quarters at Arthur Road Hospital ...	86	8	3
Acquiring site from Lohana Camp	7	13	3
Constructing a shed at Byculla for Dr. Frazel Ahamed ..	17	12	0
Erection of privy seats, &c., in connection with private camps	207	1	7
Erection of a ward at Suni Julai Hospital, Madanpura ...	877	3	6
Fixing lamp posts for private camps	3	14	0
Erecting sheds between Bandora and Mahim Causeways ...	85	11	6
Do. at Sion Causeway	104	14	8
Repairs to old chawl at Sion	9	11	3
Whitewashing and painting Paidhoni Police Station ...	123	0	7
Erecting sheds for Police Sowars at Dhobiwada	17	12	9
Do. do. at Nulbazaar	21	9	0
Do. do. at Paidhoni	19	8	0
Do. do. at Bazaar Gate ...	19	10	0
Do. do. at Colaba	28	13	0
Erection of health camps at Agripada	1,883	1	0
Erecting public camps on Kennedy Sea Face	1,271	14	3
Do. do. at Gilder Street	609	10	2
Do. do. at Cruickshank Road	537	13	10
Do. do. at Byculla (additional accommodation)	378	5	0

Name of Work.	Expenditure.		
	Rs.	a.	p.
Erecting camps for Mahars at Gilder Street	765	7	8
Do. do. at Babula Tank	384	2	8
Do. do. at Gorupdeo Road	656	2	1
Constructing additional 100 sheds at Churney Road ...	2,089	0	8
Erecting new camps in Northbrook Garden	701	11	0
Do. 16 chawls for Julais at Byculla...	4,893	7	4
Do. 10 do. Hindus at Byculla	1,354	12	0
Do. camps for sweepers at Byculla	225	13	0
Do. huts on Imambara grounds	320	6	5
Do. camps at Dadar	520	15	3
Converting a stable into a health camp at Grant Road ...	277	8	2
Erecting sheds at Piru Lane	420	2	1
Constructing second lot of 100 additional sheds at Churney Road	1,885	1	7
Do. 200 rooms on Moreland Road	903	13	8
Do. a camp of 250 rooms at Kennedy Sea Face...	3,111	7	1
Do. 4 bath rooms for Christians at Churney Road.	13	15	6
Do. huts in front of the stable at Grant Road ...	217	3	6
Removing sheds at Sion Causeway	8	13	5
Do. at Bandora Causeway	11	4	0
Erecting privy seats, &c., in connection with private health camps	1,096	7	5
Painting cots in the Arthur Road Hospital	24	10	1

LIST OF MUNICIPAL PROPERTIES.

634. Subjoined is a list of Municipal properties, corrected up to 31st December 1898. This statement is made as complete as practicable from the imperfect materials, at my disposal, from the records of this office and of those of other Departments. It is intended to revise this list thoroughly next year, when it is hoped that it will be presented in a more reliable state.

LIST OF PROPERTIES BELONGING

635. The following statement gives the Particulars of Municipal Properties,

Ward

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
1	28A	18A	9699	215	Colaba Road between Magdala and Nepean Streets.	Fountain ...	Water ...
2	215	100	9675	212	Upper Colaba ...	Police chowkey ...	Police ...
3	674 and 675	59 and 61	9569	206	Gun Carriage Lane.	Well, dipping well and cattle-trough.	Water ...
4	225 (2)	12A	9669	206	Wodehouse Road.	Land (metal depôt).	Road ...
5	269 and 270	365A and 365B.	9663	206	Colaba Road (adjoining Gun Carriage Factory).	Stand-pipe ...	Water ...
6	785, 808, 820, 821, 822, 823, 824, 825 (1), (2), 826, 827 (1), (2), (3) & (4)	2, 4, 6, 8, 10, 27, 10A, 12, 14, 14A, 14B and 14C.	9662	205	Colaba 2nd Coli Lane.	Biggaries' chawls, Sub-Inspector's quarters, latrines, &c.	Health ...
7	531	6	9561	205	Colaba Causeway.	Cattle-trough ...	Water ...
8	886 (2)	16A	9561	202	Esplanade Road..	Wellington fountain, with 6 cattle-troughs.	Do. ...
9	1058 (2)	49A	9313	190	Custom House Road.	Cattle drinking trough and stand-pipe.	Do. ...
10	1058 (2A)	49B	9313	190	Do. ...	Seven-seated Urinals	Health ...
11	1196 (2)	6A	9313	195	Forbes Street and Rutherfield Street.	Stand-pipe ...	Water ...
12	1356 (1)	25-26	9322	190	Elphinstone Circle.	Elphinstone Circle Gardens, a large ornamental fountain.	Garden and Water.

TO THE MUNICIPALITY.

their locality, description, estimated value, &c., corrected up to 31st December 1898 :—

A.

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	914	82·87	1854	Public use ...	Use for the same purpose.	Nil.	Dipping well built by Sir Jamsetji Jejeebhoy in 1832. It has been closed and fountain erected in its stead.
.....	5,867	488·88	G. R. 3661 / 20-7-78	Police ...	Do. ...	Rs. 8 per month.	
.....	2,000	95·00	1854	Public use ...	Do. ...	Nil.	Dipping well and cattle-trough not now supplied with water; stand-pipe erected instead at a cost of Rs. 158.
.....	.....	1,222·00	G. R. 6062 / 25-11-78	Metal Depôt.	Do. ...	Nil.	A yearly rental of Re. 1 to be paid to Government, subject to resumption without compensation on three months' notice.
.....	1,152	100·00	1854	Public use ...	Do. ...	Nil.	Dipping well No. 35 closed and stand-pipe erected.
9,230	21,000	2018·44	1846	Health Dept.	Do. ...	Nil.	Government Resolution No. 18004/2331 C. W. of 1866. The chawls and latrines are shortly to be pulled down.
.....	720	42·00	Not known	Public use ...	Do. ...	Nil.	
5,000	8,000	291·34	1867	Do. ...	Do. ...	Nil.	Cattle-troughs not in use. The value of land occupied by the fountain and troughs alone is Rs. 29,134.
.....	500	9·06	1883	Do. ...	Do. ...	Nil.	
850	850	17·70	1894	Do. ...	Do. ...	Nil.	
.....	1,840	24·00	1894	Do. ...	Do. ...	Nil.	Well No. 32 closed and stand-pipe erected, at a cost of Rs. 113.
.....	3,50,000	12,337·00	27-12-62	Do. ...	Do. ...	Nil.	

635. **List of Municipal Properties—**

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
13	1356 (2)	26B	9322	190	Elphinstone Circle.	Bai Manknverbai stand-pipe and cattle-trough.	Garden and Water.
14	1445 (2)	33	9344	190	Kavasji Patel Street.	Stand-pipe ...	Do. ...
15	1573 (2)	13	9326	190	Homji Street...	Urinals	Health ...
16	1808 to 1811	2 to 12 & 79 to 83	8908, 8909, 8910 & 8911	181	Hornby Road and Gunbow Street.	Fire Brigade Station, quarters for Foreman, Engineer and Lascars.	Fire Brigade.
17	1817	24	8901	181	Gunbow Street.	Drinking fountain.	Water ...
18	1845	92	9109	190	Gunbow Street, near Borah Bazar Street.	Cattle-trough (Gunbow) and stand-pipe.	Do. ...
19	1855	126	9243	190	Gunbow and Bazar Gate Street.	Wadia fountain with clock tower.	Do. ...
20	1860 (1)	42, 6, 11	9308	191	Mint Road and Fort Street.	Fort Market ...	Market ...
21	1943 (2, 2A, 3 & 3B).	22A & B	8480	180	Mint Road ...	Land and Ward Offices.	Road ...
22	1943 (3)	.....	9300	180	Do. ...	Stand-pipe ...	Water ...
23	1965	86	8542	180	Do. ...	Well (square 7½′ × 6½′).	Do. ...
24	2000	45	9298	180	Modi Street at the junction of Agiari Lane.	Well at the junction of Agiari Lane (8½′ × 8½′).	Do. ...
25	2007	223	8521	180	Modi Street at the junction of Manordas Street.	Well (square 9½′ × 8½′=8·97 square yards).	Do. ...
26	2163 (1)	353 & 41 to 47.	8484	181	Fort Street ...	Bazar Gate Police Station.	Police ...
27	2377 (1)	175	8471	181	Hornby Road ...	Bazar Gate Garden.	Garden ...
28	2400	75	9131	181	Bamanji Lane ...	Well	Water ...
29	2631	63	8490-91	180	Fort Street, junction of Mint Road.	Do.	Do. ...

Ward A—*continued.*

Original cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.					
.....	1,000	16·00	1880	Public use ...	Use for the same purpose.	Nil.	
.....	6,383	94·00	1854	Do. ...	Do. ...	Nil.	This was made over (Government proclamation of 11-4-54 and Sec. VI of Act XIV of 1842). Dipping well No. 50 closed and standpipe erected at a cost of Rs. 291-12-8.
868	868	15·90	1895	Do. ...	Do. ...	Nil.	
.....	46,005	291·00	4-7-85, 2-2-87	Fire Brigade.	Do. ...	Nil.	
.....	100	21·77	Not known	Public use ...	Do. ...	Nil.	Near Fire Brigade.
100	500	2·15	Do.	Do. ...	Do. ...	Nil.	
.....	19,451	164·00	1884	Do. ...	Do. ...	Nil.	
1,14,520	125,043	2,114·00	1868	Do. ...	Do. ...	8,336-3-0	
47,600	36,100	1,075·15	Not known	Municipal Chaukey, &c.	Do. ...	Nil.	Out of this area 571·52 sq. yds. are to be sold.
.....	5,983	65·06	Do.	Public use ...	Do. ...	Nil.	Well No. 21 closed. Temporary standpipe erected.
.....	339	4·04	Do.	Do. ...	Do. ...	Nil.	
.....	440	8·02	Do.	Do. ...	Do. ...	Nil.	
.....	480	8·00	4-9-72	Do. ...	Do. ...	Nil.	
16,000	19,903	152·00	.....	.....	.....	Rs. 90 per month.	
.....	1,83,614	3,672·28	.....	Public use.	Used for the same purpose.	Nil.	
.....	822	12·44	.....	Do. ...	Do. ...	Nil.	
.....	6,139	114·20	.....	Do. ...	Do. ...	Nil.	

635. **List of Municipal Properties—**

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
30	2664, 2665, 2666 (1 to 8)	4 to 44, 46, 48, 50 to 90	9310	180	Cochin Street ...	Chawls, milch-cattle stables and latrines.	Health ...
31	3219 (2)	183 A	8478	159	Hornby Road, junction of Paltan Road.	Drinking fountain.	Water ...
32	3226 (1-1 A) & 3226(2) to (10), 3227, 3228 (1), 3422, 3423 (1) & (2), 3329 (1), & 3719 (1) (2)	197, 1, 2, 3, 4, 28, 29, 23, to 47, 199, 49, 49A	8474 and 8473	150, 159	Hornby Road, Carnac Road and Paltan Road.	(a) A. C. Markets, Supdt.'s Quarters and other Buildings, &c.; (b) two large ornamental fountains; (c) Beef Market; and (d) Poultry and Birds' Market, &c.	Market and Water.
33	3293 to 3300, 3430 (1), 3431 to 3434	110 to 124, 1, 3 to 9	$\frac{5}{8473}$	175	Hornby Road and Cruickshank Road.	Municipal Offices ...	Executive Engineer's.
34	3333 (1), (2), (3), 3334 (1-2), 3335 (1-2), 3336 (1-2-3), 3337, 3338, 3339, 3340, 3341, 3342	7, 7A, 7B, 9, 11, 1, 1A, 2, 2A, 2B, 3, 4, 5, 6 to 10, 11, 12	8476 and 8475	159	Paltan Road ...	Municipal Workshops and Bungalow, Garlick Incinerator, &c. (including Store Yard), Land and Mukadum's quarters.	Workshops ...
35	3343, 3344, 3345, 3346, 3347, 3348, 3349, 3350 (1-1A-2), 3351, 3352 (1), (2)	13, 13A, 15, 17, 17A, 19, 21, 23, 25, 1, 1A, 1B, 2, 27, 27A	8475 and 8476	159	Do. ...	Health Department Ward Offices, chawls, stables, urinal, latrines, &c.	Health ...

Ward A—*continued.*

Original cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs. 35,000	Rs. 37,392	Sq. yds. 218·33	1874	Public use...	Used for the same purpose.	Nil.	1,236 square yards taken over from Port Trustees in exchange for 989 square yards site of old market on 11th *Dec.* 1873; 585 square yards leased from the Port Trustees for 99 years from 1st Jan. 1874 at yearly rent of Re. 1 per square yard. Leased on 11th Dec. 1873 433 +2,600 square yards purchased at Rs. 10 per square yard on 24th Sept. 1874 and 30th Sept. 1885, respectively.' Government Resolution No. $\frac{227}{1037}$ C. W. of 28th May 1872, Public Works Department.
.....	400	6·50	.....	Do. ...	Do. ...	Nil.	
11,18,492	2,30,000	29,936·00	1865	Market ...	Do. ...	94,456 0 6	Water not laid on to the fountain inside the Vegetable and Fruit Market.
11,19,969	12,90,000	6,000·00	1888	Municipal Office.	Do. ...	Nil.	Government Resolution No. $\frac{691 \text{ C. W.}}{1605}$ of 18th Oct. 1883.
.....	4,68,441	15,188·02	1867	Municipal Building.	Do. ...	Nil.	
.....	3,30,807	12,607·71	1867	Do. ...	Do. ...	Nil.	Government Resolution No. $\frac{1521 \text{ C. W.}}{2306}$ of 9th December 1885, making over land for stabling at 1 pie per yard.

635. **List of Municipal Properties—**

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
36	3453 (2)	1	8475	161	Carnac Road, junction of Cruickshank Road.	Cawasji Jehangir drinking fountain.	Water ...
37	3488	75	Nil.	189	Esplanade Road near Church Gate Street.	(*a*) Frere fountain and (*b*) with surrounding garden.	(*a*) Water & (*b*) Road.
38	3499	40, 29	8451	189	Esplanade and Mayo Roads.	(*a*) Queen's statue and (*b*) with surrounding grass.	Road ...
39	1162 (2)	8A	8436	195	Esplanade Road.	(*a*) Prince of Wales' statue and (*b*) with surrounding grass.	Do. ...
40	3505	10	8452	188	Mayo Road ...	Police chowkey ...	Police ...
41	3707 (1)	7	8473	161	Carnac Road ...	Nakoda tank with land.	Water ...
	3707 (3)	7B	.....	.. ...	Do. ...	Land	Road ...
42	3731 (1), (2), 3732 (1) & 3732	53, 53A, 1, 2, 57	8475 &8480	151	Do. ...	(*a*) Night-soil Depôt. Plant for electrolising sea-water, tanks and other buildings.	Health and Drainage.
43	3489 (2)	77A	8463	189	Esplanade and Hornby Roads.	Fountain	Water ...
44	1807 A	3	Nil.	180	Barrack Street ...	Urinals	Health ...
45	2377 (4)	6	8471	181	Fort Street ...	Do.	Do. ...
46	3705 (A)	111 A	8452	161	Marine 1st Street.	Do.	Do. ...
47	1058 (3)	49C	9313	190	Custom House Road.	3 Seated latrines ...	Do. ...
48	3421 (2)	3A	8475	159	Paltan Road ...	Latrines (south of A. C. Markets).	Do. ...
49	23A	8A	9699	215	Upper Colaba Road.	Well	Water ...

Ward A—*continued.*

Original cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	400	7·10	.....	Public use....	Used for the same purpose.	Nil.	
.....	11,763	890·20	1867	Do. ...	Do. ...	Nil.	The present value of land occupied by the fountain and garden is Rs. 89,000.
.....	.....	1,074·00	G. R. 3287 / 29-8-85	Do. ...	Do. ...	*Nil*	
.....	.....	100·00	1882	Do. ...	Do. ...	Nil.	
.....	7,171	116·67	G. R. 37 C.W. 113 of 14-3-78.	Police ...	Do. ...	Rs. 8 per month.	
.....	1,40,000	6,889·79	G. R. 443 / 1546 C. W. of 28-12-79.	Public use ...	Do. ...	Nil.	377 square yards handed over by Government on 25-2-98 for the purpose of access to the Trust.
.....	.....	377·00					
44,355	82,000	7,266·79 1,546·77	1868	Drainage ...	Do. ...	Nil.	188 square yards were leased from Government at a nominal rent of Re. 1-4-0 per month for a period of 10 years from 23rd February 1889 to 8th April 1899, and the same is to be renewed at the rate of annas 8 per square yard per annum for a term of 50 years, *vide* Government R. No. 4501 of 29-6-99.
.....	250	3·60	18-10-92	Public use ...	Do. ...	Nil.	
.....	600	7·20	Do.	Do. ...	Do. ...	*Nil.*	
.....	360	3·5	Do.	Do. ...	Do. ...	Nil.	
416	416	6·00	1892	Do. ...	Do. ...	Nil.	
.....	900	14·23	Do.	Do. ...	Do. ...	Nil.	
.....	2,636	79·00	G. R. 60 C.W. 144 / 1-2-84	Do. ...	Do. ...	Nil.	
.....	1,596	139·62	Proclamation of 1854.	Do. ...	Do. ...	Nil.	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
50	1892 (1 A)	2AA	8480	180	Frere Road and Mint Road.	Rutansi Mulji fountain and cattle-trough.	Water ...
51	902 (3)	11A	9561	203	Apollo Bandar ...	Drinking fountain.	Do. ...
52	2163 (2)	353A	8484	181	Bazar Gate Street near the Police Station.	Do. ...	Do. ...
53	2377 (1B)	175	8471	175	Bazar Gate Garden.	Ornamental fountain.	Do. ...
54	454	190B	9566	206	Colaba Road near Jute Mill.	Stand-pipe ...	Do. ...
55	1058 (1)	49	9313	194	Custom House Road.	Drinking fountain.	Do. ...
56	3421 (3)	3B	8475	150	Paltan Road ...	Urinal	Health ...
57	2377 (1A)	4	8471	175	Fort Street ...	Do.	Do. ...
58	3719 (3)	49B	8474	150	Junction of Carnac and Paltan Roads.	Do.	Do. ...
59	1932 (2)	1A	8480	180	Kanwar Street ...	Do.	Do. ...
60	1860 (2)	6A	9308	180	Mint Road ...	Do.	Do. ...
61	4 (2)	4A	9699	215	Beach Road ...	Vacant land ...	Do. ...
62	225 (6)	12E	9669	206	Wodehouse Road.	Wooden Chowki ...	Road ...
63	420	59	9571	205	Colaba Road in the compound of the Colaba Land and Mill Company	New Market ...	Superintendent of Markets.
64	596 (1), (2), (3)	38, 40, 40A	9571	205	Thomas Street ...	Fire Brigade Station	Fire Brigade.
65	1057 (3)	47A	9313	190	Custom House Road.	Chowki and surrounding garden.	Do. ...
66	1595 (A)	1A, 2A	9309	190	Bazar Gate Street, Mint Road.	Chowki for drainage sluicemen.	Drainage ...
67	2907 (2)	219A	8484	152	Frere Road ...	Shed for Drainage Department.	Do. ...
68	3100	7	8480	.....	Uran Street ...	Night-soil Depôt ...	Health ...
69	3228 (2)	56A	8474	150	Hornby Road ...	Urinary	Do. ...
70	3718 (3)	19B	8473	150	Carnac Road, Junc. of Hornby Road.	Water-drinking fountain.	Water ...

Ward A—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	28,900	140·00	Not known	Public use...	Used for the same purpose.	Nil.	
.....	200	11·00	Do.	Do ...	Do. ...	Nil.	
.....	150	·33	Do.	Do ...	Do. ...	Nil.	
.....	500	17·00	Do.	Do. ...	Do ...	Nil.	Water not laid on to this fountain.
.....	100	·44	Do.	Do. ...	Do. ...	Nil.	Land was the site of the former dipping well, which was filled up and added to the road. There is a standpipe further on now.
.....	100	1·77	Do.	Do. ...	Do. ...	Nil.	
.....	700	1·5	Do.	Do. ...	Do. ...	Nil.	
.....	850	13·4	Do.	Do. ...	Do. ...	Nil.	
.....	500	4·66	Do.	Do. ...	Do. ...	Nil.	
.....	500	4·00	Do.	Do. ...	Do. ...	Nil.	
.....	400	11·88	Do.	Do. ...	Do. ...	Nil.	
.....	.....	431·78	Brigadier-General No. 578 of 28-4-77	.....	.....	.....	
75	75	8·2	1894	Road ...	Used for the same purpose.	Nil.	The land on which the Chowki stands belongs to Government.
1,19,330	1,19,330	1667	1895	Market ...	Used for the same purpose.	1,439	
625	625	22·5	1894	Fire Brigade. Do ...	Do. ... Do. ...	Nil. Nil.	
.....	.....	.....	.....	.....	.....	.....	This is a temporary shed put up in monsoon and then removed.
.....	.....	.....	.....	.....	.....	.....	This is a temporary shed.
400	400	256·00	.....	N. S. Depôt...	Used for the same purpose.	.....	On Port Trust ground.
.....	500	17	.....	Public use ...	Do. ...	.....	
.....	125	7	1896	Do. ...	Do. ...	.....	This is removed from Mumbadevi and fixed here.

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
71	1037 (A)	3 A	9559	198	Custom House Road.	3-seated urinal ...	Health ...
72	1356 (1 A)	26 A	9322	190	Elphinstone Circle Garden.	Do. ...	Do. ...
73	1033 (2)	68 A	9523	194	Dalal Street ...	Do. ...	Do. ...
74	3423 (2)	6A	8475	150	Palton Road ...	Do. ...	Do. ...
75	574 (1), (2), (3) & (4)	17, 17 A, 17 B & 17 C	9560	205	Colaba	Air Compressor Station, Engineer's quarters, &c.	Special Drainage Deptt.
76	2377 (5)	7	8471	175	Junction of Fort and Hornby Roads.	Dr. Blaney's statue.	Executive Engineer.
77	1221 (2)	13 A	9472	195	Bell Lane ...	Urinal	Health ...
78	659	24	9570	205	Hamal Street ...	Vacant land ...	Road ...
79	1671	10	9379	189	Nanabhoy Lane...	Land and Structure	Road & Building.
80	111 (2)	71 A	9698	214	Colaba Road near Pilot Road.	Well	Water ...
81	.....	.....	.....	.....	Customs House Bunder.	Drinking Fountain.	Do. ...
82	655	84-86	9638	205	1st Coli Lane ...	Vacant land ...	Road ...
83	648	66	2/9631	205	Gun Carriage Street.	Do. ...	Do. ...
84	884 (1)	.....	.....	.....	Colaba Causeway	Well	.....
85	1860 (3)	6B	.....	.....	Mint Road ...	Urinal	.....
86	2908 (4)	4B	.....	.....	Frere Road ...	Do.	.....

Ward A—*concluded.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	350	5·36	1895	Public use...	Used for the same purpose.	Nil.	
... ..	509	6·66	1893	Do. ...	Do. ...	Nil.	
.....	400	6·66	1893	Do. ...	Do. ...	Nil.	
630	630	5·89	1895	Do. ...	Do. ...	Nil.	Demolished.
1,25,175	1,25,175	2537·00	1893	Pumping Sewage.	Do. ...	Nil.	
.....	13,500	40	1894	.....	.....	Nil.	
409	405	2·66	1896	Public use ...	Do. ...	Nil.	
.....	823	82·35	1896	Proposed Road.	To be utilized hereafter.	Nil.	This will be added to the road, when other areas of land are purchased.
.....	516-7-11	7·59	1897	Street improvement.	Reserved for the purpose.	30-15-10	The property leased conditionally on annual rental.
.....	3,044	408·83	1854	Public use ...	.....	Nil.	At present covered up with planks.
.....	.....	.....	.....	.....	.....	.....	
962	962	67	1898	Proposed latrines.	Reserved for the same purpose.	Nil.	
770	770	55·77	1898	Do. ...	Do. ...	Nil.	
.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
87	456	114	2055	135	Chuckla Street...	Stand-pipe	Water ...
88	736 (2)	79A	2170	135	Dhobi Street ...	Urinals	Health ...
89	789 (2)	50A	2098	136	Nagdevi Cross Lane.	Stand-pipe ...	Water ...
90	796 (2)	4A	2108	136	Bibijan Street ...	Urinals	Health ...
91	960 (2)	103A	2103	136	Narayan Dhuru Street.	Do.	Do. ...
92	922 (2)	3A	2100	136	Narayan Dhuru Cross Lane.	Do.	Do. ...
93	925 (2)	8A	2101	136	Do ...	Do.	Do. ...
94	953 (2)	46A	1280	136	Nakhoda Street...	Do.	Do. ...
95	960	42	1268	136	Kolsa Street ...	Formerly used as a Fire Brigade Station.	Executive Engineer.
96	2179 (1), 961, 962	44, 46, 11	1267	136	Do. and Parel Road.	Pydhoni Police Station.	Police ...
97	1050, 1051 (1)	393	2712	125	Dongri Street ...	Keshuvji Naik's fountain and cattle-trough with clock tower.	Water ...
98	1171 (1)	311	2652	134	Do. ...	Police Chowki (Musjid Bridge).	Police ...
99	1187 (2), 1187 (3)	1A, 1B	2439	151	Do. and Coli Lane.	Land	Road ...
100	1170 (2)	309A	2651	134	Road to Musjid Station.	Land for Fire Brigade Station.	Do. ...
101	1235 (2)	3A	2641	134	Do. ...	Stand-pipe ...	Water ...
102	1654	228	2533 (2)	125	Samuel Street ...	Do. ...	Do. ...
103	2179 (2)	11A	1267	136	Parel Road, Bhendi Bazar	Phydhoni Reservior.	Do. ...
104	2471 (2)	416A	3063	124	Memonwada Road	Urinals	Health ...
105	2502 (3)	498A	3077	124	Do. ...	Do.	Do. ...
106	2523	556	3073	103	Do. ...	Well	Water ...
107	2603 (2)	249A	2993	124	Kambekar Street.	Urinals	Health ...
108	2704	575 & 106	3090	124	Junc. of Jakeria Musjid and Old Nagpada Road.	Latrines and urinals	Do. ...

Ward B.

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
.....	2,666	21·58	Govt. proclamation, 11-4-54.	Public use ...	Used for the same purpose.	.....	Dipping well closed and stand-pipes erected at a cost of Rs. 183.
.....	150	3·00	.....	Do. ...	Do. ...	.....	
.....	706	18·00	Govt. proclamation, 11-4-54.	Do. ...	Do. ...	.....	Well closed and stand-pipe erected at a cost of Rs. 177-11-2.
.....	150	1·38	.....	Do. ...	Do. ...	.....	
505	505	1·25	1894 ...	Do. ...	Do. ...	.....	
.....	150	0·83	.....	Do. ...	Do. ...	.....	
.....	40	0·89	.....	Do. ...	Do. ...	.....	
.....	150	3·45	.....	Do. ...	Do. ...	.....	
.....	7,022	72·50	In 1889-84 & 1890-91.	Fire Brigade.	Do. ...	21	Rented to Mr. *Haji* Ali Jan Mahomed at Rs. 21 per month.
24,000	32,519	283·86	1880 ...	Police Stn....	Do. ...	21	A portion, formerly in charge of Fire Brigade station, rented to Mr. Abubakar Haji Mahomed at Rs. 21 per month.
25,000	25,000	69·64	1876 ...	Drinking Fountain.	Do. ...	.....	
1,500	4,900	63·11	.....	Police Chowky.	Do. ...	.....	
6,811	9,778	210·00	.....	Part of Old Road.	Vacant ...	.....	Land used for storing *road* materials.
9,780	9,780	489·00	7-9-88 ...	Fire Brigade.	Do. ...	.....	Do. do.
.....	6,979	220·00	.....	Public use ...	Used for the same purpose.	.....	Dipping well closed and stand-pipe erected.
.....	492	2·2	Govt. proclamation, 11-4-54.	Do. ...	Do. ...	.....	Do. do. at a cost of Rs. 246.
.....	22,968	35·27	.....	Do. ...	Do. ...	.....	
.....	150	1·71	.....	Do. ...	Do. ...	.....	
.....	40	1·00	.....	Do. ...	Do. ...	.....	
.....	1,368	51·82	.....	Do. ...	Do. ...	.....	This well is claimed by Messrs. Dadabhoy and Cowasji Pallonji Chowna as their property.
.....	150	1·50	.....	Do. ...	Do. ...	.....	
2,249	2,250	105·83	1894 ...	Do. ...	Do. ...	.....	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
109	3071	702	3167	101	Dongri Street ...	Stand-pipe ...	Water ...
110	3617 (1)	35	3658	102, 103	Babula Tank Road.	Babula Tank Land.	Do. ...
111	3617 (2)	35A	.....	102	Do. ...	Urinals, two ...	Health ...
112	4306 (2)	17A	3637	91	Valpakhadi ...	Latrine	Do. ...
113	4731 (2)	53A	3186	133	Argyle Road ...	Urinals, two seats ..	Do. ...
114	4731 (3)	53B	.....	133	Do. ...	Do. ...	Do. ...
115	4731 (4)	53C	.....	127, 133	Do. ...	Do. ...	Do. ...
116	4731 (5)	53D	.....	127	Do. ...	Do. ...	Do. ...
117	4877	54	3186	125	Clive Road ...	Customs Office, Tobacco.	Customs ...
118	5347 (2)	27A	.....	133	Surat Street ...	Urinals, two ...	Health ...
119	5347 (3)	27B	.....	133	Do. ...	Do. ...	Do. ...
120	5347 (4)	27C	.....	132, 133	Do. ...	Do. ...	Do. ...
121	5354 (2)	34A	.....	132	Do. ...	Do. ...	Do. ...
122	3677 to 3680	675-87	3184	101-125	Dongri Street ...	Land for making road and structure.	Building ...
123	1074 (2)	185A	2388	125	Chinch Bandar Road.	Land	Do. ...
124	1871 (2)	274	2306	135	Janjikar Street ...	Urinal	Health.
125	2033 (2)	40A	2571	134	Bardan Street ...	Do.	Do. ...
126	2040 (4) 2040 (5)	67C & 67D	2640	134	Narrow Street ...	Do.	Do. ...
127	1633 (2)	136 A	2222	134	Samuel Street ...	Do.	Do. ...
128	2059 (2)	1A	2910	124	Dontad Cross Lane.	Urinals, two ...	Do. ...
129	1070 (2)	163A	2701	125	1st Chinch Bandar Road.	Drinking fountain.	Water. ...
130	3091 (5)	16A	3647	101	Jail Road, North.	Urinals, four ...	Health. ...
131	4278 (2)	229A	3632	91	Mazagon Road ...	Stand pipe ...	Water. ...
132	4724 (2)	23A	3186	133	Argyle Road ...	Cattle trough and stand-pipe	Do. ...
133	5329 (2)	41A	3186	133	Masjid Bandar Bridge North.	Do. do.	Do. ...
134	5345 (2)	70A	3186	133	Masjid Bandar Bridge South.	Stand-pipe and cattle trough.	Do. ...

Ward **B**—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	1,224	20·44	.....	Public use ...	Used for the same purpose.	.....	Dipping well converted into a Stand-pipe.
.....	1,15,770 22,510	23154 2251	Govt. proclamation. 11-4-54.	Do. ...	Do. ...	.....	Partly filled in and a Fire Brigade station and quarters for Chief Inspector and sluicemen, water works, erected on the reclaimed ground.
.....	300	2·33	.....	Do. ...	Do. ...	.....	
.....	1,500	41·77	.....	Do. ...	Do. ...	.....	
.....	150	2·77	.....	Do. ...	Do. ...	.....	
.....	150	2·77	.....	Do. ...	Do ...	.....	
.....	150	2·77	.....	Do. ...	Do. ...	.....	
.....	150	2·77	.....	Do ...	Do. ...	.....	
3,174	3,163	105·00	11-5-86	Tobacco Office.	Do. ...	.....	
.....	280	1·52	.....	Public use ...	Do. ...	.....	
.....	150	2·44	.....	Do. ...	Do. ...	.....	
.....	150	2·44	.....	Do. ...	Do. ...	.....	
.....	150	2·44	.....	Do. ...	Do. ...	.....	
25,630	17,136	252	24-6-85	Road-making.	Used for the same purpose.	Nil	
3,630	15,093	375·08	.....	Portion of old road.	Vacant ...	.....	This piece of land appears to be in charge of the G. I. P. Ry. Co. Inquiries are being made in the matter.
.....	40	1·17	.....	Public use ...	Used for the same purpose.	.....	
.....	40	1·93	.....	Do. ...	Do. ...	.....	
.....	40	1·50	.....	Do. ...	Do. ...	.....	
163	150	3·03	1892 ...	Do. ...	Do. ...	.....	
.....	300	5·10	.....	Do. ...	Do. ...	.....	
.....	1,000	3·14	.....	Do. ...	Do. ...	.....	
.....	600	7·65	.....	Do. ...	Do. ...	.....	
.....	50	3·51	.....	Do. ...	Do. ...	.....	
.....	300	33·87	.....	Do. ...	Do. ...	.....	
.....	560	10·00	.....	Do. ...	Do. ...	.....	
.....	560	10·00	.....	Do. ...	Do. ...	.....	

635. **List of Municipal Properties—**

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
135	4307 (2)	1A	3188	91, 92	Mazagaon and Wadi Bandar Roads near Hancock Bridge.	Vacant land for 48" pipe line.	Water ...
136	5386 (2)	71A	3186	133	Broach Street ...	Urinals	Health ...
137	5338 (2)	22A	3186	133	Musjid Bridge Road.	Do.	Do. ...
138	5338 (3)	22B	3186	133	Do ...	Do.	Do. ...
139	5338 (4)	22C	3186	132	Do. ...	Do.	Do. ...
140	5551 (2)	1A	3186	152	Carnac Central Road.	Latrine	Do. ...
141	713 (2A)	58A	2092	135	Bhajipala Street.	Urinal, 2-seated. ...	Do. ...
142	1528 (3)	1A	2351	150	Old Bangalpura Street.	Do.	Do. ...
143	2091 (2)	310A	2428	151	Carnac Road ...	Tank	Do. ...
144	2087 (2)	19	2276	135	1st Khumbharwada Cross Lane.	Urinal	Do. ...
145	1459 (2)	1A	2420	150	Jambli Street ...	Do.	Do. ...
146	82 (3)	357B	2107	136	Abdul Rahman Street, Allahibag.	Drinking fountain	Water ...
147	34 (2)	131A	1986	150	Do. in front of Mr. Haji Kasam's house.	Do.	Do.
148	5329 (3)	41B	3186	151	Carnac Siding Road.	Cattletrough(Dharsi Nanji.)	Do. ...
149	4732	55	3186	127	Argyle Road ...	Drinking fountain (Dharsi Nanji's)	Do. ...
150	4978	55	3186	127	Malet Road ...	Stand pipe with cattle trough.	Do. ...
151	4966	1	3186	126	Do. ...	Cattle trough ..	Do. ...
152	4897 (2)	8A	3186	126	Elphinstone Bridge Road, North.	Stand-pipe with cattle trough.	Do. ...
153	4886	100	3186	126	Clive Road ..	Stand-pipe. ...	Do. ...
154	3060	640	3155	101-125	Dongri Street near Samuel Street Jn.	Stand-pipe with water tank.	Do. ...
155	1051 (2)	509	3179 & 80	125	Dongri Street ...	Urinals	Health ...
156	2803 (3)	97B	3119	124	Tandel Street ...	Do.	Do. ...
157	5345 (5)	70B	.....	134	Musjid Bridge, South.	Do. two seats ...	Do. ...
158	5665	665-669	3172	101-125	Dongri Street ...	Land	Road ...

Ward **B**—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	7,933	838·52	.....	Laying 48" water main.	Used for the same purpose.	.....	There is no fixed income from this property. The right of cutting grass is annually sold by the Drainage Department in the month of May for a term of one year when different amounts are realized.
.....	280	4·16	.....	Public use ...	Do. ...	.....	
.....	280	4·16	.....	Do. ...	Do. ...	.....	
.....	280	4·16	.....	Do. ...	Do. ...	.....	
.....	280	4·16	.....	Do. ...	Do. ...	.....	
.....	800	25·00	.....	Do. ...	Do. ...	.....	
.....	280	4·87	.....	Do. ...	Do. ...	.....	Removed.
.....	280	1·00	.....	Do. ...	Do. ...	.....	
.....	280	1·16	.....	Do. ...	Do. ...	.....	
.....	280	0·76	.....	Do. ...	Do. ...	.....	
.....	280	0·76	.....	Do. ...	Do. ...	.....	
.....	100	1·97	.....	Do. ...	Do ...	.....	
.....	200	.....	.....	Do. ...	Do. ...	.....	
.....	800	69·44	.....	Do. ...	Do. ...	.....	
.....	500	33·87	.....	Do. ...	Do. ...	.....	
.....	600	33·33	.....	Do. ...	Do. ...	.....	
.....	2,000	127·34	.....	Do. ...	Do. ...	.....	Erected by S. P. C. A.
.....	500	27·50	.....	Do. ...	Do. ...	.....	
.....	500	14·79	.....	Do. ...	Do. ...	.....	
.....	5,620	36·00	.....	Do. ...	Do. ...	.....	Erected by Mr. Jairajbhoy Peerbhoy.
550	550	4·25	.....	Do. ...	Do. ...	.....	
550	550	4·25	.....	Do. ...	Do. ...	.....	
.....	.....	1·83	.....	.....	.....	.....	
13,250	9,133	91·33	20-12-95	Road thro' Nowroji Hill.	To be utilized.	.....	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
159	3676	671-673	3172	101	Dongri Street ...	Land	Road ...
160	3681	689-691	3172	101	Do. ...	Do.	Do. ...
161	1235 (2 A)	38	2641	134	Musjid Station Road.	Chowki	Do. ...
162	1585 (2)	57A	2565	134	Samuel Street...	Urinal	Health
163	2091 (3)	310B	2428	151	Carnac Road ...	Latrines	Do. ...
164	3617 (1A), (3)	35AA	3658	102	Babula Tank ...	Fire Brigade Station & vacant land.	Fire Brigade.
165	3617, (4, 5, 6)	35C, 35D, 35E	3658	103	Do. ...	Quarters for the Chief Inspector and 6 sluicemen W. W.	Ex. Engr. ...
166	4243 (2)	153A	3185	100	Chinch Bandar ...	Chouki	Road ...
167	4482 (2)	214A	3186	99	Frere Road ...	Do.	Do. ...
168	4876 (2)	52A	3186	126	Clive Road near the Customs Office.	Urinal	Health ...
169	4930	22	.....	134	Musjid Station Road.	Urinal, 5 seats ...	Do. ...
170	3632 (2)	509A	3179-80	151	Dongri Street ...	Urinals	Do. ...
171	3675	26/27	.....	125	Do. ...	Land and Building.	Road Dept....
172	3666-67	2/8, 9-10	.....	101	Do. ...	Do. ...	Do. ...
173	1482 (A)	71A	2515	134	Isaji Street ...	Urinal	Health ...
174	857 (2)	13A	.....	136	Narayan Dhuru Street.	Do.	Do. ...
175	2365 (2)	499A	3005	123	Nagdevi Road ...	Do.	Do. ...
176	3118 (2)	81A	2989	123	Chunam Kiln Road.	Do.	Do. ...
177	3118 (3)	103	2968	125	1st Chinch Bandar Road.	Do.	Do. ...
178	3117 (2)	47A	2988	125	Do.	Do.	Do. ...
179	2427	1, 4 & 6911	3099	103	Meman Wada Road.	Latrines and Urinals.	Drainage ...
180	3811	164/166	3184A	101	1st Nowroji Hill Road.	Land	Street and Building.
181	2172 (3)	34A	.....	.....	Tantanpura St. ...	Urinal, one seated...	Health ...
182	3367	9-10	3184A	101	Dongri Street (Nowroji Hill).	Land and Building.	Street and Building.
183	1235 (3)	4	.....	.....	Narrow Road ...	Land for Metal Depôt.	Do. ...
184	1394	234	.....	.....	Kazi Sayed St. ...	Cattle trough ...	Health ...

Ward **B**—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
3,000	5,206	54	1-3-95	Road through Nowroji Hill	To be utilised	.....	
10,000	7,337	97·83	21-8-95	Do. ...	Do. ...	.....	
81	81	46·67	1893	Road making.	Depot Chouky.	.....	
.....	40	1·00	.....	Public use ...	Used for the same purpose.	.....	
.....	.....	39·61	.....	Do ...	Do. ...	.....	
51,231	51,231	1548·00	1894	Fire Brigade	Do. ...	.....	
32,138	52,133	1056·00	28-2-98	Water Dept.	Do. ...	.....	
.....	81	28·89	1893	Road Chouki.	Chouki ...	.....	
.....	81	63·89	1893	Do. ...	Do. ...	.....	
371	371	2·67	1895	Public use ...	Used for the same purpose.	Nil.	
580	580	5·33	1893	Do. ...	Do. ...	Nil.	
1,154	1,154	3·41	1894	Urinal ...	Do. ...	Nil.	
13,800	13,800	140·67	29-8-96	Road thro' NowrojiHill	To be utilised	Nil.	
9487·50	9487·50	158·66	21-12-96	Do. ...	Do. ...	Nil.	
575	575	.....	1896	Public use ...	Do. ...	Nil.	
.....	40	·83	.....	Do. ...	Used for the same purpose.	Nil.	
.....	20	1·00	.....	Do. ...	Do. ...	Nil.	
.....	150	1·50	.....	Do. ...	Do. ...	Nil.	
.....	150	1·50	.....	Do. ...	Do. ...	Nil.	Removed.
.....	300	4·5	.....	Do. ...	Do. ...	Nil.	
.....	4,181	95·33	1897	Do. ...	Do. ...	Nil.	
9,323	9,323	127·66	21-12-97	Road thro' Nowroji Hill	To be utilised	Nil.	The building has been pulled down.
.....	.....	.....	.....	.....	.....	.....	
5,300	5,300	110	16-2-99	Road making	Used for the same purpose.	Nil.	The building will shortly be pulled down. Rs. 160 realised by the sale of the Building materials.
.....	.....	.....	.....	.....	.....	.....	This forms portion of a public street.
.....	.....	.....	.....	.....	.....	.....	

635. **List of Municipal Properties—**

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
185	925 (1A)	8B	.....	.....	Narayan Dhuru Street.	Urinal	.....
186	5356 (2)	38A	.....	.....	Surat Street ...	Urinal	Health ...
187	4306 (4)	17C	.....	.....	Valpakhadi ...	Latrine, ten-seated...	Do. ...
188	4306 (3)	17B	.....	.....	Do. ...	Two Hoppers ...	Do. ...
189	2520	22	.....	.....	2nd Oomarcady Road.	Building and Land.	Do. ...
190	1266	118 & 120	2621 & 2622	101	Dongri Street ...	Land and Building.	Street and Building ...

Ward B.—*concluded.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	Temporary latrines for Halalcores.
.....	.....	.....	.....	.....	.....	.....	
4339	4339	244	.....	.....	.....	.....	Taken over by H. Deptt. for latrine and pail depôt now under construction.
495-14-5	.....	11·02	5-8-98	Street Improvement.	.....	29-12-3	The property is leased conditionally on annual rental to Mr. Adamji Bhaiji.

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality	Description of the Property.	Department or Branch in charge of the Property.
191	103 (2)	550A	1842	136	Abdul Rahman Street.	Urinal	Health ...
192	140 (2)	103	1862	149	Sheik Memon and Janjiker Street.	Drinking fountain.	Water ...
193	161 (2)	269A	1393	136	Do. (1st Agiari Lane).	Urinal	Health ...
194	181	335	1380	136	Sheik Memon St. (1st Agiari St.).	Stand-pipe & cattle trough.	Water ...
195	780	85	1374	136	Mumbadevi ...	Well, Capawalla's, Junction with Musjid.	Do. ...
196	807 (3)	26B	1378	136	Do. ...	Urinal	Health ...
197	939 & 1027	24,104	1819-20	149	2nd Carnac Road, Jn. of Lohar St.	Stand-pipe... ...	Water ...
198	1784 (2)	1A	Nil.	161	Kalbadevi Road, Junction of Esplanade Road.	Fitzgerald lamp and fountain.	Do. ...
199	.....	.....	Nil.	148	Do. ...	Iron tanks in Cavel Street opposite to Old Hanuman Lane.	Road ...
200	2051 (1)	2,116	8287	161	Girgaum Road and 1st Marine Street.	The Framji Cawasji Tank.	Water ...
201	2211	412	8114	139	Girgaum Road...	Well next to Veterinary-Surgeon Gosla Metha.	Do. ...
202	2311 (1)	175	8240	162-163	Queen's Road ...	Land metal depôt...	Road ...
203	2321	187	8099	140-145	Thakurdwar St. (Queen's Road).	Drinking fountain.	Water ...
204	2615	37	8861	162	3rd & 4th Marine Street.	Well	Do. ...
205	2783	405	8242	169	Lohar Street ...	Pork Market and Slaughter House.	Supdt. of Market and Slaughter Houses.
206	3753	100	200	147	Cavel Street ...	Stand-pipe... ...	Water ...

Ward C.

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
668	668	7·5	1892	Public use.	Used for the same purpose.	Nil.	
.....	7,700	6·57	...	Do. ...	Do. ...	Nil.	
.....	300	9·28	...	Do. ...	Do. ...	Nil.	
.....	3,450	·34	...	Do. ...	Do. ...	Nil.	Well closed and stand-pipe and cattle-trough erected, at a cost of Rs. 387.
.....	2,302	44·05	...	Do. ...	Do. ...	Nil.	Encroached upon by Mr. Kavasji Byramji, owner of the firewood depôt close by.
.....	50	6·75	...	Do. ...	Do. ...	Nil.	
.....	930	21	...	Do. ...	Do. ...	Nil.	Well closed and stand-pipe erected at a cost of Rs. 198.
.....	5,000	67·02	...	Do. ...	Do. ...	Nil.	
.....	500	5·56	...	Do. ...	Do. ...	Nil.	
.....	77,950	31·18	...	Do. ...	Do. ...	Nil.	
.....	2,497	79·90	...	Do. ...	Do. ...	Nil.	
.....	23,500	1175	...	Do. ...	Do. ...	Nil.	Lease for 999 years subject to redemption after three months' notice. It is included in the N. S. Depôt.
.....	200	3·77	...	Do. ...	Do. ...	Nil.	
.....	5,803	40·54	...	Do. ...	Do. ...	Nil.	One Mr. Nassarwanji Rustomji Daruwalla claims this well.
2,090	4,248	122·94	1867	Market.	Do. ...	650	
.....	608	19·63	...	Public use.	Do. ...	Nil.	Dipping well filled up and stand-pipe erected, at a cost of Rs. 100.

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
207	5061 (1) (2)	11, 11A	573	137	Bhuleshwar ...	Market	Supdt. of Market and Slaughter Houses.
208	5062 (1) (2)	13-15, 15A	573	137	Do. ...		
209	5063 (1) (2)	17-19, 19A	573	137	Do. ...		
210	5064 (1) (2)	21-23, 23A	573	137	Do. ...		
211	5065 (1) (2)	25-27, 27A	573	137	Do. ...		
212	5066 (1) (2)	29-35, 35A	573	137	Do. ...		
213	5067 (1) (2)	37-37A	573	137	Do. ...		
214	5292 (1) (2)	4-6 4A, 6A	572	137	1st Bhoiwada St.		
215	5323 (1) (2)	3, 5, 7, 3A to 7A	573	137	2nd do. ...		
216	5060 (2)	426-428	571	137	Bhuleshwar Road, 1st Bhoiwada St. and Kalkadevi Road.	Fire Brigade Station	Fire Brigade
217	5224	4	458	137	Panchaitwadi ...	Well and cattle trough.	Water ...
218	5697 (1)	61-1	623	121	Girgaum Back & Kavasji Patel Tank Roads.	Cawasji Patel Tank	Do. ...
219	5953 (2)	255	766	122	Erskine Road ...	Fountain (Vizlibai)	Do. ...
220	6219 (2)	201A	917	122	Bora Street ...	Urinary	Health ...
221	5519A	65	7481	121	Girgaum Back Road.	Stand-pipe... ...	Water ...
222	6737-38-39	14-16	5364-65	121	Ardeshir Dadi & Islampura St.	Night-soil depôt & chowki.	Do. ...
223	6815	98 & 1	4706	122	Erskine Road ...	Land and latrine ...	Do. ...
224	6817	106	Nil.	122	Do. ...	Stand-pipe ...	Water ...
225	6818	108, 2, 3	Nil.	122	Do. ...	Vacant land ...	Supdt. of Market and Slaughter Houses.
226	613 (2)	70A to 74A	1914	149	Junction of Shamset and Abdul Rehman St.	Urinal	Health ...
227	7050, 7143, 7173, 7174(1), (2),7144, 7172 (1), 7234 and 7999	4,5, 24 to 38, 27, 29, 1 to 3,51A, 40-42 and 31, 33, 35,15 to 25, 29, 14 31, 33 to 53	4663, 4701, 4703, 4703	122	Doctor and Khoja Streets and 1st Duncan Road.	Erskine Road, Market, old and new.	Supdt. of Market and Slaughter Houses.
228	7983 (1)	47	4670	104	Guzar Street ...	Stables	Health ...
229	7983 (3)	47B	4353	104	Do. ...	.....	Do. ...
230	"	"	4670	104	Do. ...	.....	Do. ...
231	"	"	4670	104	Do. ...	.....	Do. ...

Ward C.—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. Yds.				Rs.	
		60·505	19-11-68	Market ...	Used for the same purpose.		
		.....	...	Do. ...	Do. ...		
		.....	...	Do. ...	Do. ...		
4,35,192	2,83,413	.....	...	Do. ...	Do. ...		
		819·18	43-12-89	Do. ...	Do. ...	9,576 10 6	
		.....	...	Do. ...	Do. ...		
		.....	...	Do. ...	Do. ...		
		.....	...	Do. ...	Do. ...		
		91·73	...	Do. ...	Do. ...		
51,590	21,044	99·22	7-12-93	Fire Brigade.	Do. ...	Nil.	
.....	1,326	42·02	...	Public use ...	Do. ...	Nil.	
.....	29,886	988·65	...	Do. ...	Do. ...	Nil.	
.....	100	15·09	...	Do. ...	Do. ...	Nil.	Removed and fixed near Police Chowki at Erskine Road.
.....	50	1	...	Do. ...	Do. ...	Nil.	
.....	1,238	83·86	...	Do. ...	Do. ...	Nil.	Well closed and stand-pipe erected.
.....	9,745	279·28	G.R.No.962 4-2-86.	Do. ...	Do. ...	Nil.	
.....	13,216	144·05	...	Do. ...	Do. ...	Nil.	
.....	8,657	155·02	...	Do. ...	Do. ...	Nil.	Reservoir closed and stand-pipe erected.
8,700	1,940	121·5	...	Market ...	Do. ...	800	
282	282	2·66	1895	Urinal and latrine.	Do. ...	Nil.	
5,34,000	7,02,550	5412·4	...	Market ...	Do. ...	70,255	
.....	1,16,812	3349	...	Health Dept.	Do. ...	Nil.	
.....	.....	.....	18-1-88	Do. ...	Do. ...	Nil.	
.....	.....	.....	...	Do. ...	Do. ...	Nil.	
.....	.....	.....	...	Do. ...	Do. ...	Nil.	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property
232	7983 (3)	47	4670	104	Guzar Street ...	Stables	Health ...
233	9893 (3)	47B	4688	104	Chimna Butcher Street.	Urinary	Do. ...
234	7217 (1)	142	4341	104	Do. ...	Night-soil Depôt ...	Do. ...
235	7419 (1A)	194	4854	104	Junc. of Bhandari St. Cross Lane and Duncan Road.	Urinary	Do. ...
236	7462(1)	358	Nil.	104	Duncan Road ...	Tank (one of two tanks).	Water ...
237	7972 (1), (3)	206, 230, 121	5599 5603-4-5	105	Grant Road ...	Northbrook Gardens and Fountain.	Supdt. of Municipal Gardens.
238	7991-92	18, 1, 2	4353	104	Guzar Street ...	Chowki Ward Office	Road ...
239	2458 (2)	11A	Nil.	161	Jambulwadi ...	Urinal	Health ...
240	2051 (2 and 3)	2A, 2B	8287	161	Girgam Road (Dhobi Talao).	Two drinking fountains.	Water ...
241	2051 (4)	2C	...	161	Dhobi Talao, 1st Lane.	Stand-pipe	Do. ...
242	1732 (1)	2	1502	136	Shekodi Lane ...	Well	Do. ...
243	3215 (2)	5A	8228	147	Chandanwadi ...	Urinal	Health ...
244	103 (3)	550B	1342	136	Abdul Rhaman St.	Latrine	Do. ...
245	8091 (2)	514A-518A	4555	103	1st Cooper Street.	Urinal	Do. ...
246	7960 (4)	227A	4172	103	Bapti Road and Khoja Street.	Do.	Do. ...
247	7183 (2)	85A	4271	104	Junction of Bapti Road and Duncan Road.	Do.	Do. ...
248	7217 (2)	142A	4341	104	Chimna Butcher Street.	Latrine	Do. ...
249	6406 (2)	5A	900	122	Nizam Street ...	Urinal	Do. ...
250	7169	3	4706	123	Chimna Butcher Street.	Latrine and Urinal.	Do. ...
251	1813 (2)	116A	125	147	Kolbhat Street, near its junction with Kalbadevi Road.	Urinals	Do. ...
252	5622 (2)	33A	643	121	Cawasji Patel Tank and 2nd Pinjrapole.	Do.	Do. ...
253	980 (2)	3A	1753	148	Patakwadi ...	Do.	Do. ...
254	896 (2)	3A	1788	161	Picket Road ...	Do.	Do. ...
255	2149 (3)	384A	8135	147	Girgaum Nana's Oart.	Stand-pipe	Water ...
256	2891	28	8344	162	Charniwadi Lane.	Do.	Do. ...
257	5158 (3)	84 (A)	551	137	Bhuleshwar near temple.	Fountain	Do. ...
258	4496 (3)	62 (A)	455	137	Bhuleshwar end of Cathedral St.	Do. with a lamp on top.	Do. ...

Ward C—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
...	...	...	5-4-83	Health Dept.	Used for the same purpose.	Nil.	
...	100	202·13	.....	Do. ...	Do. ...	Nil.	
2,335	6,455	459·18	.....	Do. ...	Do. ...	Nil.	
...	50	1·66	.....	Do. ...	Do. ...	Nil.	
...	5,020	200·81	.....	Public use ...	Do. ...	Nil.	The tank has been recently filled up, and a portion of which will be added to the road.
...	1,43,382	12,085·55	12-3-83	Do. ...	Do. ...	Nil.	
15,626	19,044	426·90	23-10-95	Municipal Ward Office.	Do. ...	Nil.	
...	100	6·33	.....	Public use ...	Do. ...	Nil.	
...	600	4·06	.....	Do. ...	Do. ...	Nil.	
...	100	9·12	.....	Do. ...	Do. ...	Nil.	
...	1,000	65·94	.....	Do. ...	Do. ...	Nil.	
...	150	3·77	.....	Do. ...	Do. ...	Nil.	
...	300	13·81	.....	Do. ...	Do. ...	Nil.	
...	75	3·75	.....	Do. ...	Do. ...	Nil.	
...	150	6·94	.....	Do. ...	Do. ...	Nil.	
...	75	·68	.....	Do. ...	Do. ...	Nil.	
...	800	24·11	.....	Do. ...	Do. ...	Nil.	
267	267	2·66	1895	Do. ...	Do. ...	Nil.	
...	450	144·05	.....	Do. ...	Do. ...	Nil.	
637	600	6·22	1894	Do. ...	Do. ...	Nil.	
...	75	68	.....	Do. ...	Do. ...	Nil.	
...	100	6	.....	Do. ...	Do. ...	Nil.	
...	175	10	.....	Do. ...	Do. ...	Nil.	
...	300	8·5	.....	Do. ...	Do. ...	Nil.	
...	25	2·37	.....	Do. ...	Do. ...	Nil.	
...	45	23·25	.....	Do. ...	Do. ...	Nil.	
...	150	28·44	.....	Do. ...	Do. ...	Nil.	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
259	7183 (3)	85 (B)	4271	104	Chimna Butcher and Duncan Road, 2nd St.	Fountain	Water ...
260	7972 (2)	230 (A)	5599 56074-5	104	Trimbak Parsharam Street and Northbrook Garden Junc., Grant Road.	Do.	Do. ...
261	6703 (2)	45 (A)	5354	122	Ardeshir Dadi Street.	Stand-pipe	Do. ...
262	6333 (2)	96 (A)	870	123	Musjid Street ...	Urinal	Health ...
263	1645 (2)	155 (A)	1481	148	Vithalwadi ...	Do.	Do. ...
264	1301 (3)	34A	1727	148	New Hanuman Lane.	Do.	Do. ...
265	5068 (2)	39A, 41A	574	137	2nd Bhoiwada ...	Do.	Do. ..
266	161 (3)	269B	1393	136	1st Agiary Lane .	Urinary	Do. ...
267	779 (2)	83 A	1379	136	Mumbadevi St....	Water Fountain and cattle trough.	Water ...
268	815 (3)	66 A	1378	136	Do. ...	Urinary	Health ...
269	1570 (2)	2	1620	149	Old Hanuman St.	Do.	Do. ...
270	1482	25	1638	143	Do. 1st Cross Lane.	Well	Water ...
271	1579	97	1530	148	Champawadi ...	Do.	Do. ...
272	1618 (2)	17A	1497	148	Vithalwadi ...	Urinary	Health ...
273	1678	8	1457	137	Telwadi	Well	Water ...
274	1747	15	1485	148	Ovalwadi ...	Do.	Do. ...
275	3346	2	8123	162	Chandanwadi ...	Latrines	Health ...
276	3347	34	8239	162	Do. ...	Privies	Do. ...
277	3348	5	.....	162	Do. ...	Night-soil Depôt and Chowki.	Do. ...
278	4083	5	8104	140	Karelwadi ...	Well	Water ...
279	3651	18	214	137	Cavel Street ...	Do.	Do. ...
280	3678	42	215	137	Do. ...	Do.	Do. ...
281	3705	66	216	147	Do. ...	Vacant land ...	Road ...
282	3713	72	.....	147	Do. ...	Well	Water ...
283	3794	135	199	147	Do. ...	Do.	Do. ...
284	3833	161	.....	147	Do. ...	Do.	Do. ...
285	3881	198	132	147	Do. ...	Do.	Do. ...
286	5525 (2)	2A	594	137	Maroti Lane ...	Urinary	Health ...
287	5787	9	Nil.	137	Fofalwadi ...	Well	Water ...

Ward **C**—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
...	35	2·88	.....	Public use...	Used for the same purpose.	Nil.	
...	200	30·25	.....	Do. ...	Do. ...	Nil.	
.....	130	6·5	.....	Do. ...	Do. ...	Nil.	
.....	100	4	.....	Do. ...	Do. ...	Nil.	
.....	75	6	.....	Do. ...	Do. ...	Nil.	
.....	75	3·33	.....	Do. ...	Do. ...	Nil.	
549	500	6·22	1894	Do. ...	Do. ...	Nil.	
.....	50	9·28	.....	.....	.....	.....	
.....	5,500	24·42	.....	.....	.....	.....	The fountain with the cattle troughs was formally handed over to the Municipality by the donor, Mr. Govindji Thakersey Mulji, and the water turned on, on 18th day of August 1898.
.....	600	5·17	.....	.....	.....	.....	
.....	50	2·82	.....	.....	.....	.....	
.....	1,280	31·35	.....	.....	.....	.....	
.....	2,560	64·44	.....	.....	.....	.....	
... ..	50	1·57	.....	.....	.....	.....	
.....	1,560	39·11	.....	.....	.....	.....	
... ..	1,400	34·26	.....	.....	.....	.....	
}	28,100 {	.....	.....	.....	.....	.....	
		1,209	1873	Public use...	Used for the same purpose.	Nil.	
.....	300	3·14	.....	.....	.....	.....	
.....	1,560	38·88	.....	.....	.....	.....	
.....	760	18·60	.....	.....	.....	.....	Well filled in.
.....	.....	38·70	.....	.....	.....	.....	
.....	640	15·56	.....	.....	.....	.....	
.....	1,280	32·50	.....	.....	.....	.....	
.....	280	6·63	.....	.....	.....	.....	
.....	720	17·43	.....	.....	.....	.....	This well has been enclosed with a fence by Messrs. Tulsidas Culliandas and Sunderji Walji.
.....	30	·75	.....	.....	.....	.....	
.....	1,640	40·60	.....	.....	.....	.....	

635. **List of Municipal Properties—**

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
288	6166	134	861	122	Kazi Street ...	Police Chowki ...	Police ...
289	7977 (2)	85A	4504	145	Khara Tank ...	Urinary	Health ...
290	7989 (2)	123A-129A	4575	103	Guzar Street ...	Do.	Do. ...
291	7146 (2)	58	4673	104	Mutton Street ...	Latrine	Do. ...
292	7971 (3)	228A	5606	105	Junction of North-brook Street and Grant Road.	Urinal	Do. ...
293	5754 (2)	4	626	121	Junction of Cawasji Patel Tank Road with Girgam Back Road.	Do.	Do. ...
294	2310, 2311 (1)	173, 175	8240	162	Queen's Road ...	Chowki	S. and Building.
295	2311 (2)	26	8240	162	Do. ...	Do.	Drainage ...
296	6474 (3A)	8A	7480	121	Khetwadi Main Road.	Urinal	Health ...
297	5776 (2)	99A	644	122	3rd Pinjrapole St.	Do.	Do. ...
298	5977 (2)	14A-181A	745	122	Pinjrapole Street.	Do.	Do. ...
299	7153B	108B	4851	122	Mutton Street ...	Do.	Do. ...
300	7923 (2)	47A	4047	104	Guzar Street ...	Latrine	Do. ...
301	7983 (3)	47B	4649	104	Do. ...	Urinal	Do. ...
302	7417 (2)	188A	4795	122	1st Bhandari St.	Do.	Do. ...
303	5648 (2)	27A	689	121	Junction of Kawasji Patel St. and Pinjrapole.	Do.	Do. ...
304	505 (2)	411A	1378	137	Kalbadevi opposite Copersmith Bazar.	Do.	Do. ...
305	6719 (1)	91-93	.....	121	Ardeshir Dady St.	Land and dust bin cart.	Do. ...
306	4494 (2)	42A, 44A	426	138	Cathedral Street .	Urinal	Do. ...
307	2034	301	123	147	Girgaum Road ...	Land	Street and Building.
308	.....	245, 247	4299	104	Duncan Road ...	Land and Building.	Do. ...
309	189 (2)	361A	.....	...	Sk. Memon Street.	Urinal	Health ...
310	5844 (2)	33A	.....	...	Kika Street ...	Do.	Do. ...

Ward C.—*concluded.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	533	26	.....	.....	.....	.....	
.....	50	2·88	.....	.....	.....	.....	
.....	50	1·26	.....	.....	.....	.....	
.....	3,200	79·80	.....	.....	.....	.....	
1,126	1,126	6·85	1895	Public use...	Used for the same purpose.	Nil.	
695	695	.....	1896	Do. ...	Do. ...	Nil.	
80	80	32	.....	Chowki ...	Do. ...	Nil.	
.....	175	14	.....	Do. ...	Do. ...	Nil.	
105	105	18	.....	Public use...	Do. ...	Nil.	
.....	25	2·66	.....	Do. ...	Do. ...	Nil.	
.....	23	4·66	.....	Do. ...	Do. ...	Nil.	
.....	205	5·50	.....	Do. ...	Do. ...	Nil.	
.....	15	1·33	.....	Do. ...	Do. ...	Nil.	
50	50	1·33	.....	Do. ...	Do. ...	Nil.	
.....	50	4·66	.....	Do. ...	Do. ...	Nil.	
380-9-9	380-9-9	1·17	1897	Do. ...	Do. ...	Nil.	
949-7-7	949-7-7	6·67	1897	Do. ...	Do. ...	Nil.	
1,500	1,500	64·69	18-11-97	Dust bin cart.	Do. ...	Nil.	
1,208	1,208	14·83	7-10-98	Public use...	Do. ...	Nil.	
5,571	5,571	83·00	12-9-95	New Road...	Do. ...	Nil.	
10,500	3,280	163	5-4-98	Khara Tank Street extension.	To be utilized	Nil.	The building has been pulled down.
...	.....	.....	.....	.....	.....	.....	
...	.....	.....	.....	.....	.....	.....	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
311	512 (1) and 512 (2) (3)	5, 5A, 5B	8018	117	Girgaum Cross Lane.	Night-soil depôt and latrine.	Health ...
312	824	133	7518	121	Kandawadi Street junction of Khatar Ali Lane.	Well	Water ...
313	1169 and 1170	5, 1	8042	141	Charni Road ...	Drainage chowki ...	Drainage ...
314	1189	51	8038	118	Do. Jn. Girgaum Road.	Fountain	Water ...
315	1283	142	7838	119	Girgaum Back Road.	Well (Persian wheel).	Road ...
316	1728	37	Nil.	120	Khetwadi 2nd Lane, junction of Khetwadi Main Road.	Dipping well ...	Water ...
317	1583	107	7423	120	Girgaum Back Road. Junction of 2nd Parsiwada.	Well	Do. ...
318	1704 (2)	47A	5389	121	Khetwadi 1st Lane.	Urinal (old system, 4' × 6').	Health ...
319	2171 (2)	176A	5389	121	Falkland Road near Khetwadi 1st Lane.	Fountain	Water ...
320	1941	1	Nil.	120	Khetwadi Main Road and Khetwadi 6th Lane Junction.	Well	Do.
321	2036 (2)	58A	7377	106	Khetwadi 10th Lane.	Urinal (new system).	Health ...
322	2448	369	D / 7298	116	Queen's Road (Choupati).	Standpipe and cattle trough.	Water ...
323	2767	39	Nil.	116	Gamdevi Road ...	Fountain	Do. ...
324	2871 (1, 2, 3 and 4), 2872 (1, 2, 3)	12, 1, 1A, 1B, 1C, 2, 3, 4, 5, 6, 7, 9	7543	110	Gowalia Tank Road.	Ward office, Fire Brigade Station, Foreman's, Engineer's and lascars' quarters.	Road ...
325	2880	26	7340	110	Do. ...	Gowalia Tank ...	Water ...
326	2929	50	Nil.	110	Do. ...	Fountain (near the Towers of Silence Gates).	Do. ...

Ward D.

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
22,230	25,743	1588·91	1866	For night-soil depôt.	Used for the same purpose.	Nil.	
.....	3,110	111·06	Declared public in 1854.	For well ...	Do. ...	Nil.	
.....	5,500	302	1866	Drainage ...	For Drainage Dept. Ward Offices.	Nil.	
.....	159	3·97	.....	For fountain.	Used for the same purpose.	Nil.	
.....	6,400	226·71	Declared public in 1854.	For well ...	Do. ...	Nil.	
.....	832	38·25	Do. ..	Do. ...	Do. ...	Nil.	
.....	3,170	78·00	Do. ...	Do. ...	Do. ...	Nil.	
.....	119	2·36	.....	Public use ...	Do. ...	Nil.	Pulled down.
.....	179	3·97	.....	For fountain.	Do. ...	Nil.	
.....	1,268	26·80	1854	For well ..	Do. ...	Nil.	
.....	374	28·00	.....	Public use ...	Do. ...	Nil.	
.....	1,287	31·50	.....	For standpipe & cattle trough.	Do. ...	Nil.	
.....	139	3·97	.....	For fountain.	Do. ...	Nil.	
.....	65,000	3962·00	1883	For ward offices, &c.	Do. ...	Nil.	
.....	58,999	24499·83	Declared public in 1854.	For tank ...	Do. ...	Nil.	
.....	732	3·97	.....	For well ...	For fountain and road.	Nil.	Well filled up and fountain erected and remaining portion of ground added to the road.

635. **List of Municipal Properties—**

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
327	2977 (2)	65A	7362	166	Walkeshwar Road near Government House Gate.	Drinking Fountain.	Water ...
328	3181 (1) to 3188, 3221 (1, 2) 3225 (1 to 60), 3218 to 3220	131, 133, 135, 137, 139, 141, 143, 145, 13, 13A, 152, 152A, 1, 2, 3, 4, 5, 5A, 5B, 5C, 10, 11 & 12.	7159, 7160 & 7298	115	Ridge Road and Ridge.	(*a*) Malabar Hill Reservoir, (*b*) Fire Brigade Station and lascars' quarters, (*c*) garden and Inspector's quarters.	(*a*) Water, (*b*) Fire Brigade, (*c*) Water.
329	3309	16	7,223	114	Nepean Sea Road and Dabholker Road.	Land and well ...	Road ...
330	3316-17	40, 42	Nil.	114	Nepean Sea Road, Junction of Mount Nepean Road.	Land occupied by— (*a*) Police Chowkey. (*b*) Well ...	Building ... Water ...
331	3544	10	7099	60	Warden Road ...	Stand-pipe	Road ...
332	3899 (1)	9,992	B / 3413	6,364	Arthur Road ...	Tardeo flats for reclamation with town sweepings (including cost of swings).	Health ...
333	3899 (2) 3906	94,9	A 1 / 3415 3413	6,364	Do. ...	Do. ...	Do. ...
334	3909	15	2 / 3413	64	Clerk Road ...	Do. ...	Do. ...
335	3903 (3)	3 B	Portion of 3389.	62	Do. ...	Metal Depôt ...	Road ...

Ward D.—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	752	31·50	.....	For well ...	Used for the same purpose.	Nil.	Well closed and fountain erected.
7,09,661	10,84,863	76886·00	.....	For reservoir, &c.	Do. ...	44	Revenue from grass and tapping trees about Rs. 44 per annum.
.....	5,217	645·30	.....	For well ...	For metal depôt.	Nil.	Well is now filled in.
.....	3,057	325·88	.....	For Police chowki and well.	Used for the same purpose.	Rs. 7 per year for land occupied by Police chowki.	
.....	252	7·77	.....	For well ...	.....	Nil.	Well filled in and a cattle trough was erected, but it is now removed to Breach Vellard in G Ward.
.....	4,10,703	21,810	1,848	Depositing town sweepings.	Kutchra siding.	Nil.	
.....		93,755	1888	Do. ...	Do. ...	Nil.	
.....		8,955	1890	Do. ...	Do. ...	Nil.	
.....	.....	6666·00	1872	Metal Depôt.	Used for the same purpose.	Nil.	Leased from Government.

635. **List of Municipal Properties—**

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
336	3887.	42	3406	63 & 81	Arthur Road ...	Land 50 ft. wide on either side of old drains from Bellasis Bridge to Clerk Road for new sewerage work.	Drainage ...
337	3865, 3866 (1) (2) (3)	46, 48, 48 A, 48 B	3406 & 3407	81	Bellasis Road	(*a*) Drainage office shed and pipe Depôt. (*b*) Kerosine oil godown.	(*a*) Drainage and (*b*) Engineer's Department.
338	2721	1	5 7975	109	Kennedy Bridge..	Metal Depôt land...	Road ...
339	1464	1	80,64	140&141	Queen's Road ...	Do. ...	Do. ...
340	2010 (2)	3 A	5509	106	Khetwadi 10th Lane.	Vacant ground for dust-bin.	Health ...
341	2984	83	7281 & 7282	166	Walkeshwar Road	Police chowkey with land.	Building ...
342	3881	71, 73, 75, 77, 79, 81, 83, 85, 87, 89	3411.	63	Arthur Road ...	Foras tank ...	Water ...
343	3220	12	7160	115	Ridge Road ...	Metal Depôt ...	Road ...
344	980, 981	1, 2	7495	120	Girgaum Back Road and Kakadwadi.	Girgaum Police Court quarters for European officers at the back of Court.	Building ...
345	Nil.	144	Nil.	115	Mount Pleasant Road.	Vacant land ...	Road ...
346	3786 (2)	585 A	7014	81	Bellasis Bridge, north and west of B. B. & C. I. Railway.	Land for surface Drainage works.	Drainage ...

Ward D.—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs. 39,727	Sq. yds. 39727·00	1879	Drainage ...	Vacant ...	Rs.	There is no fixed income from this property. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized.
.....	22,600	1631·00	1881	For Drainage Pipe Depôt, &c.	Used for the same purpose.	Nil.	
9,514	10,000						
Yearly rent Rs. 105-2-0.	4,005	841·00	.....	Metal Depôt.	Do. ...	Nil.	Yearly rent of Rs. 105-2-0 paid by Munity. to Govt.
.....	26,712	450	.....	Do. ...	Do. ...	Nil.	Yearly rent of Rs. 112-8-0 paid by Munity. to Govt.
616	616	41·11	1892	Dust-bin ...	Do. ...	Nil.	
1,000	1,493	54·00	.....	P. chowki ...	Do. ...	96 per year	
.....	10,304	5152·00	1851	Tank ...	Do. ...	.....	Partly filled up.
Included in the cost of item No. 330.	11,095	2,219	.....	Metal Depôt.	Do. ...	Nil.	
14,000	48,000	1820·98	1867	Police Court and Police quarters.	Police quarters and Police station.	1,200 per year.	
250	250	50·00	1885	For Street improvement.	Used for water Tank.	.....	
...	.....	829·000	1884	For surface drainage.	Vacant ...	Nil.	These strips form slopes of the Bellasis Bridge approaches. There is no fixed income from these properties. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized.

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
347	3749 (2)	161A	7018	82	Falkland Road and Tardeo Road Junction.	Drinking fountain.	Water ...
348	3050 (3)	64B	7256	166	Walkeshwar Road near Banganga.	Stand-pipe and vacant land lately filled up.	Do. ...
349	692	108	7663	139	Mugbhat Lane ...	Drinking fountain.	Do. ...
0	653 (3)	6A	7429	140	Mugbhat Lane ...	Land for dust-bin...	Health ...
351	1515 (2)	3	8426	140	Charni Road Garden.	Latrines	Do. ...
352	2400 (1A)	310A	5590	106	Grant Road ...	Urinal	Do. ...
353	2970	63	7379	166	Walkeshwar Rd.	Land	Building. ...
354	173	578	8037	118	Girgam Road ...	Police chowki ...	Police ...
355	231 (1)	647	7773	140	Do.	Do.	Do. ...

Ward **D**—*concluded.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	150	3·97	.....	For fountain.	Used for the same purpose.	Nil.	
.....	114	28·27	.....	Public use ...	For standpipe.	Nil.	
.....	130	3·97	.....	For fountain.	For the same purpose.	Nil.	
353	353	30·73	1895	Public use ...	Used for the same purpose.	Nil.	
4,612	4,612	120·55	1895	Do. ...	Do. ...	Nil.	Leased from Government for 99 years at Re. 1 per year for whole ground.
493	493	6·22	1895	Do. ...	Do. ...	Nil.	
.....	245	30·60	.....	.....	.....	.....	
.....	1,200	39·06	1855	Police chowki.	Used for the same purpose.	60	
.....	1,500	38·50	1840	Do. ...	Do. ...	60	

635. **List of Municipal Properties—**

Conservive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
356	2359 (2)	4A	6996	109	Grant Road, Frere Bridge.	Urinal and latrine.	Health ...
357	41, 42, 803, 804, 805, 806, 807 (1)	211, 213, 125 to 133	5743	87,105	Grant Road, Bapty Road, Trimbak Parashram Street.	Cholera hospital and land.	Health ...
358	260, 621, 628 (1)	154, 2, 1	3881	88,89	Huzria Street, Surti Mohla and Mastan Street.	Puran tank (now called Mustan tank.)	Water ...
359	385 (1)	55	4045	88	Tank Street ...	Land	Building. ...
360	537	444	5683	88	Upper Duncan Road.	Urinal	Health ...
361	541 (1-2)	470-72	6406	88	Do. ...	Land	Ex. Engr. ...
362	21	185	.....	104	Upper Duncan and Grant Rds.	Tank and vacant ground of the other tank.	Water ...
363	589 (2)	(1)	.....	77	Upper Duncan Road.	Fountain (Cursedji Manekji Memorial) with four lamps.	Do. ...
364	669,670	11,13	4144	88	Streets between Tank Street and Upper Duncan Road.	Vacant land used as metal depôt.	Road. ...
365	792 (2)	88	.....	87	Bapty Road ...	Drinking water stand-pipe.	Water ...
366	786 to 92 (1), 793, 794, 813 (1), (2), (3), 814-19. 820, 821, 822, 825, 826, 827, 828, 831, 832, 835, 843, 844.	24 to 86, 90 (1), 1, 2, 3, 4 to 10, 11, 12, 164, 4, 5, 3, 6, 7, 1, 166, 1, 4, 5, 3, 7 & 6.	5743 and 5745, 5730	86,87	Bapty Road and Trimbak Parshram Street.	(a) Drainage Inspector's office and land, (b) milch-cattle stables, chawls, water tank and latrines.	Drainage and Health.
367	861-862, 1445-46, 1540, 1665 (1) (2) 1666.	63, 65, 169, 171, 173, 111, 98 to 102.	6294	86,87	Suklaji Street, 5th, 6th and 7th Kamatipura Streets.	Night-soil Depot, bullock sheds, latrines, land and urinal.	Health. ...
368	1841-45, (1) 1878-79.	1, 2, 3, 4, 4, 2.	6376 and 6360.	87,88	10th Kamatipura Street.	Health Department stables and land.	Do. ...
369	2231	40, 42	6070	87	Kamatipura Centre Street.	Dipping well and stand-pipe.	Water ...
370	2361-66	8(1, 2, 3, 4, 5)	6946	86,106	Suklaji Street ...	Sweepers' barracks.	Health ...
371	24,24	120	6928	86	Do. ...	Water drinking fountain.	Water ...
372	2934, 2569-70	515-517, 108 519.	6934	85	Falkland and Foras Roads.	Land and Police chowki.	Engineer ...

Ward **E.**

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs. 1,553	Rs. 1,553	Sq. yds. ...	1893	Public purpose.	Used for the same purpose.	Rs. Nil.	
.....	9,100	2995·66	1884	Cholera Hospital.	Do. ...	.....	Leased from Government for 21 years from 1st May 1894; yearly rent Rs. 98-7-6.
.....	22,985	4597·66	G. P. 1854	Public purpose & tank.	Do. ...	Nil.	
.....	39,300	3934·86	Do.	Do. ...	Tank filled up and portion used for a road.	Nil.	
.....	120	1·66	.....	Public purpose.	Used for the same purpose.	Nil.	
1,000	939	62·61	.....	Metal Depôt.	.....	.. ...	
.....	4,240	169·63	1854	Public purpose.	Used for the same purpose.	Nil.	Now filled up.
.....	60,000	55·00	1854&1868	Do. as well	Filled up and memorial fountain erected.	Nil.	
1,978	4,600	395·777	.....	Metal Depôt.	Used for the same purpose.	Nil.	
.....	25	.....	.....	Public purpose.	Do. ...	Nil.	
.....	(*a*) 2,300 (*b*) 48,000	12925·00	1869	Health Dept.	Do. ...	.....	Leased from Government for 50 years from 1st January 1866; yearly rent Rs. 100.
20,000	61,100	4260·00	.....	Night-soil Depôt.	Do. ...	Nil.	
15,000	33,000	2417·00	.....	Health Dept. stable and office.	Do. ...	Nil.	
50	800	39·54	.....	Public purpose.	Do. ...	Nil.	
.....	1,16,118	3312·00	29-11-93	Erecting barracks.	Do. ...	.....	
.....	50	.....	.....	Public purpose.	Do. ...	Nil.	
Act VI of 1857.	20,585	1372·34	Act VI of 1859	Road ...	Police chowki and vacant land.	.....	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in Charge of the Property.
373	2757	28	2/6995	84	Gilder Street ...	Gilder tank ...	Water ...
374	2913-2918	92 to 102	6932	85,86	Foras Road ...	Foras Tank Depôt ground and market, Drainage Chief Inspector's office.	Road Dept., Supdt. of Markets and S. H., Drge. Dept.
375	3058-59	185 (1)	.....	85	Do. ...	Gardens (Falkland Road and malis' sheds).	Supdt. of Municipal Gardens.
376	3060-61	187, 189	6976	85	Do. Junction of Falkland Road.	Crawford fountain and stand-pipes 2.	Water. ...
377	2616,2688 to 3600.	424 to 436, 46, 48, 50	6975	85	Falkland Road and Balaram St.	R. J. J.'s Dharamsala.	Health ...
378	3429 to 3438, 3440 to 3448 (2), & 3564 (1 to 3).	4 to 25 (1 to 8), (1) 910, 910A, 910B.	3690	76,77	Shepherd and Parel Roads.	Police quarters, stables, sheds, godowns, latrines, &c. (a) Ward Office... (b) Temporary chowki.	Building ... (a) Assessment. (b) Building.
379	4229 (1), (2), (3), 4230 (1), 4273 (1), 4274, (1).	1, 1A, 1B 2 (4 to 6).	3589,3590, 3591.	65	Haines Road (Agripada).	(c) Land ... (d) Health Department stables, Sankli or Byculla Tank.	(c) H.& Road (d) Do.
380	4306, 4307, 4330, 4331 (1), (2), (3), 4347.	1, 2, 25, 26, 1, 2, 42.	3476	65	Haines Road (Agripada).	Milch-cattle stables, chawls, latrines, land.	Health ...
381	4599-4600	595, 597	3671	89	Parel Road ...	Dicks' garden, fountain and (a) latrine	Supdt. of Municipal Gardens; (a) Health.
382	7021, 4816	2, 57	...	73	Mazagon Road Ju. of Dockyard Road.	Drinking fountain (Well).	Water ...
383	4817-19 & 4821 (1), (2), 4828-30 (1)	59, 61, 63, 67, 67A, 71, 73, 75, 77.	3607	73	Mazagon Road ...	Depôt ground with iron tanks, Depôt, Mukadam's chowki, latrines and Police chowki.	Road and Health.
384	4982	69	3710	66	Mount Road, Naralwadi.	Stand-pipe	Water ...

Ward E—*continued.*

Original Cost.	Present Estimated Value	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	24,000	8865·55	1854	Public purpose.	Used for the same purpose.	Nil.	
58,659	1,65,000	15419·00	Act VI of 1851	Do. ...	Road, drainage, Building Departments and Market.	531 6 0	Increased owing to the Drainage Chief Inspector's Office (new) and Market.
.....	38,480	2562·00	1851	Do. ...	Garden ...	Nil.	
	45,000	1935·16	1851	Do. ...	Fountain ...	Nil.	
1,000	...	...	...	.....	Stand-pipe and vacant ground.	...	
.....	68,300	2690·22	1851	Public purpose.	Dharamsala.	Nil.	
1,76,000	1,92,896	18157·27	...	Metal Depôt.	Police office.	...	Land made over, for the erection of Police quarters, Government retain ownership of land.
Nil.	2,48,000	30011·27	1854	Public purpose.	Ward offices, stables and vacant ground.	Nil.	
28,000	30,000	3514·10	.....	.....	Used for milch-cattle stables, &c.	.....	
.....	31,300	2740·00	.....	Garden ...	Used for the same purpose.	Nil.	
.....	150	61·27	.....	Public use ...	Do. ...	Nil.	
2,005	1,900	731·33	.....	.....	Depôt, ground latrines, tank, and Police chawls.	.....	This forms portion of a footpath.
.....	237	3·0	1854	Public use ...	Used for the same purpose.	Nil.	Dipping well closed and stand-pipe erected.

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
385	5082-83	61 (1)	3456&3459	94	D'Lima Street ...	Two stand-pipes and land.	Water ...
386	5179	45	3525	71	Gunpowder Road.	Nowghur Tank (filled up).	Building ...
387	5665 (1, 2, 3), 5636 (1), (2).	28, 28A, 28B, 1 & 1A	3597	72, 73, 92, 93	Belvedere Hill Road.	John Hay Grant Reservoir and Inspector's chowki and shed.	Water ...
388	5705	57	...	71	Dockyard Road...	Fountain, Captain Henry memorial.	Do. ...
389	5706 (1-3)	59-61 (A), 59-61 (B).	3475	71	Do. ...	(a) Pedder Market. (b) Fire Brigade Station. (c) Chawl ...	(a) Supdt. of Markets and S. H. (b) Fire Brigade. (c) Health ...
390	5707	63	3476	71	Do. ...	Stand-pipe	Water ...
391	5751 (2)	97 A	3191	70	Do. Pier...	Drinking fountain.	Do. ...
392	5760	7	3596	72	Do. ...	Well (Gunbow well)	Do. ...
393	5931	51	3695	67	Matharpacadi ...	Well	Health ...
394	5933	53	3695	67	Do. Cart...	Drinking fountain...	Water ...
395	6757, 6863, 6864	3, 1, 3	3352&3354, 3353	94	Chiman Rupji Street and Nabab Tank Street.	(a) Nabab tank ... (b) Land	(a) Water ... (b) Road ...
396	6775	11	3296	94	Hospital Lane ...	Police Hospital ...	Building ...
397	6869	9	3366	71	Nabab Tank St....	Nanabhoy tank ...	Water ...
398	7032 (1)	153	3454	65	Haines Road ...	Foras tank filled in; land.	Health and Road.
399	7095 (2)	.....	3470	65	D'Lisle Road ...	Land over the drain west of G. I. P. Ry.	Health ...
400	7255-63 & 7396	146 to 152 (1), 154 to 158 (1), 68, 70.	3448, 3446	65, 67	Do. and Clerk Road.	Water Works Supdt.'s quarters, office, Storekeeper's quarters, chawls and land.	Water ...
401	7286-87	210, 212	3431	57	D'Lisle Road ...	Sheep markets ...	Supdt. of Markets and S. Houses.
402	7285	208	3430	57	Do. ...	Foras tank filled in; land under cultivation.	Health ...
403	7320 to 7335	191 to 221	3426	57	Arthur Road ...	Small-pox hospital; vacant land.	Do. ...

Ward **E.**—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	2,600	173·77	1854	Public use...	Used for the same purpose.	Nil.	
.....	6,910	691	1854	Do. ...	For constructing Reay Road and its frontages.	Nil.	Portion added to Reay Road.
.....	10,65,540 & 125,000	18720·20	.....	For reservoir.	Used for the same purpose.	Nil.	Revenue from grass and tapping trees about Rs. 44 per annum.
.....	2,000	.....	.....	.....	.....	Nil.	
54,419	62,089	3962·00	1893	Market ... Fire Brigade ... Public use.	Used for the same purpose.	2,351	Leased from Government for 99 years; yearly rent Rs. 185.
.....	900	56·70	.....	Public use.	Do. ...	Nil.	Well closed and stand pipe erected at a cost of Rs. 274.
.....	50	.....	.....	Do. ...	Do. ...	Nil.	
.....	1,000	73·28	1854	Do. ...	Do. ...	Nil.	
.....	1,000	35·00	1854	Do. ...	Do. ...	Nil.	
.....	328	17·01	.....	Do. ...	Do. ...	Nil.	
.....	25,000	3283·30	1854	Do. ...	Do. ...	Nil.	
4,000	10,000	3960·00	.....	.....	.....	60 per month.	Maintained by Police.
.....	4,000	520·33	.....	.....	.....	.....	
.....	66,000	16666·66	Act VI. of 1851.	Road Branch.	Portion used as Depôt ground.	.....	
1,212	3,750	625·00	.....	.....	.....	.....	A portion of the land is converted into road.
.....	1,45,860	17328·60	.....	WaterBranch	Used for the same purpose.	.....	
.....	25,000	2481·00	31-8-94	Market ...	Do. ...	7,140	
16,864	44,940	11235·00	Act VI, 1851.	Road Branch.	Being filled in and used for cultivation.	.....	
.....	2,29,200	59941·00	1875	.....	Used for the same purpose.	.....	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
404	7400	82	3602	65	Clerk and Parel Roads.	Stand-pipe... ...	Water ...
405	7098-99, 7398, 7397 (1)	19, 21, 74, 76.	3445, 3446 & 3469	65	DeLisle and Clerk Roads.	Water Works pipe Depôt.	Do. ...
406	7475-77 (1, 2)	69, 69A, 71, 73	3621	56	Parel Road ...	New Fire Brigade Station.	Fire Brigade.
407	4572 (2)	27A	3417	64	Arthur & Haines Roads.	Fountain (Jacob Memorial) and cattle trough.	Water ...
408	7805	48	3714	66	Ghorupdeo Road Jn. of Reay Rd.	Drinking fountain.	Do. ...
409	7930	109	3719	56	Ghorupdeo Road.	Do. opposite Sassoon Mill.	Do. ...
410	8188 (1)	31, 33	3631	56	Chinchpooglt Rd.	Health Dept. Stables and Ward Office.	Health ...
411	7428 (4), 7429 (1), 7440-42, 7443, 7443 (1), 7444 (1-3)	29C, 31, 33 (1, 2, 3, 5), 5A and 5B	3644 and 3650	65, 66, 57	Parel Road and Ghorupdeo Road Do. ...	Victoria Garden / Victoria Garden extension	Supdt. of Municipal Gardens.
	7443 (2), 7813 (3)	4 & 4A, 8A	3722	56	Ghorupdeo Road.	Dipping well opposite Kaiser-i-Hind Mills.	Water ...
413	896-97	34, 36	5689	87, 88	Stable Street ...	Vacant land ...	Health ...
413	960	89	6381	87	Kamathipura Bazar Road ...	Dipping well with cattle-trough near Hindu temple.	Water ...
414	911	64	6379	87, 88	Stable Street ...	Tank (filled in); land.	Health ...
415	1000	207	6433	78	Kamathipura Bazar Road.	Dipping well (near Dhurmsala with cattle-trough).	Water ...
416	1064 (3)	35A	5794	87	1st Kamathipura Street.	Vacant land for latrines; dust-bin carts.	Health ...

Ward **B**—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
.....	334	78·54	.....	Public use ...	Used for the same purpose.	Nil.	Dipping well filled in and stand-pipe erected at a cost of Rs. 534-3-4.
15,107	15,107	1,945	10-2-91	WaterBranch	Do. ...	Nil.	
.....	38,600	1,449	.....	Fire Brigade.	Do. ...	.....	Value will be increased owing to addition.
.....	18,000	.....	Act VI, 1851.	Road ...	Do. ...	Nil.	
.....	350	.....	.....	Public purpose.	Do. ...	Nil.	
.....	205	46·11	.....	Do. ...	Do. ...	Nil.	
3,000	6,600	736·00	.....	Health ...	Do. ...	.....	
.....	12,93,282	59,293	1866	Public Garden ...	Do. ...	7,000	Museum handed 9th Nov. 1885—Govt. Reso. General Dept. W. 3287 of 29th Aug. 1885. The building was erected in 1872 at a cost of Rs. 3,59,338 6-9. The museum building is insured for Rs. 3,25,000 and the museum contents for Rs. 50,000. 59,293 square yards area added from the ground purchased for extension.
.....	.....	5½	1854	Public use ...	Do. ...	Nil.	
.....	2,200	223·70	.....	Health ...	Do. ...	Nil.	
50	350	7·06	.....	Public use ...	Do. ...	Nil.	
444	20,900	2095·22	.....	Do. ...	Filled in and lying vacant.	Nil.	
50	1,300	90·22	.....	Do. ...	Used for the same purpose.	Nil.	
.....	1,350	135·33	.....	Vacant ground and dustbin carts.	Do. ...	.....	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
417	3419 (2)	285A	3520	80, 81	Bellasis Bridge (north of) & east of B. B. & C. I. Ry. Lines.	For drainage works	Drainage ...
418	5881 (1)	2	3695	66	Matharpakady Village.	Matharpakady tank.	Health ...
419	2571-72	52I, 523	6912	85	Falkland Road...	Jadheeji Ragowji cattle-troughs.	Water ...
420	2735	93	6913	84	Falkland Road & Gilder Street.	Six-chambered latrines and urinals.	Health ...
421	7031 (1), 7031 (1A)	1, 1*b*		65	Haines Road ...	Latrines & urinals.	Do. ...
422	1 (2)	1*a*	3712	103	Shaik Buden St..	Urinal	Do. ...
423	224 (2)	218*a*	3877	89	Huzaria Street ...	Do.	Do. ...
424	615 (2)	3*a*	4011	88	Surti Mohola ...	Do.	Do. ...
425	7399 (2)	78*a*	3444	65	Clerk Road ...	Do.	Do. ...
426	3935-36, 4255, 4257 (1), (2), (3), (4), (6), 4258 to 4264, 4352	27, 29 to 36, 122, 123, 23, 25 & 35, 1, 2, 3, 5, 30 to 34	1-2A, 3A / 3481, 1 / 3479, 3480 / 1-2 / 3546, 1C / 3486	65	Agripada ...	Vacant land ...	Building ...
427	4257 (2)	1 to 3	3485 to 3487	65	Do. ...	Do.. ...	Do. ...
428	6292 (2)	9*a*	3708	67	Tank Bander, Narel Wadi.	Latrine	Health ...
429	7896 (2)	91*a*	3734	67	Ghorupdeo Road.	Do.	Do. ...
430	801 (2)	275*a*	5740	105	Northbrook St. ...	Urinal	Do. ...
431	807 (2)	133*a*	5743	105	Trimback Parashram Street.	Do.	Do. ...
432	829 (2)	2*a*	5747	106 & 86	Cursetji Suklaji Street.	Do.	Do. ...
433	2380 (2)	21A	6931	86	Jairajbhai Street.	Do.	Do. ...
434	2823 (3)	122A	2 / 7010	89	Bellasis Junction Road near Mustan Tank.	Drinking fountain.	Water ...
435	628 (2)	1A	3881	80	Bellasis Road near Bridge Junction of Gilder Street.	Do. ...	Do. ...
436	5042 (2)	30A	3665	66	Mount Road near Agakhan's Tomb	Do. ...	Do. ...
437	2121 (2)	77A	6439	78	14th Kamatipura Street.	Stand-pipe... ...	Do. ...
438	3525 (2)	1A	3696	89	Parel Road ...	Do. (not in use at present).	Do. ...

Ward E—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	.....	1,631·00	.....	.....	Used for the same purpose.	Nil.	These strips form slopes of the Bellasis Bridge approaches. There is no fixed income from these properties. The rights of cutting grass are annually sold.
.....	2,500	978·50	1854	Public use....	Do. ...	Nil.	
.....	900	81·00	1878	Do. ...	Do. ...	Nil.	
.....	3,700	193·67	.....	Road ...	Do. ...	Nil.	
.....	1,560	.....	.....	Public use ...	Do. ...	Nil.	
.....	480	.....	.....	Do. ...	Do. ...	Nil.	
.....	120	.....	.....	Do. ...	Do. ...	Nil.	
.....	360	.....	.....	Do. ...	Do. ...	Nil.	
.....	720	.....	.....	Do. ...	Do. ...	Nil.	
58,204	52,110	14,742·00	1893	Road & frontages.	Used for cultivation.	.....	
14,534	14,534	902	1893-94	Do.	Night soil Depôt.	.....	
.....	500	24·11	.....	.....	Used for the same purpose.	Nil.	
.....	500	19·84	.....	.....	Do. ...	Nil.	
.....	120	.....	.....	Road ...	Do. ...	.....	
.....	25	.....	.....	.....	.....	.....	
.....	925	.....	1893	.....	.....	.....	
111	110	.....	1894	Road ...	Used for the same purpose.	Nil.	
.....	100	.....	.....	.....	.....	.....	
.....	50	.....	.....	.....	.....	.....	
.....	100	.....	.....	.....	.....	.....	
.....	50	.....	.....	.....	.....	.....	
.....	25	.....	.....	.....	.....	.....	

635. List of Municipal Properties

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
439	7813 (3)	8A	3715	67	Tank Bundar, Koliwada.	Stand-pipe	Water ...
440	7043 (3)	87B	3461	65	Jn. of Haines and D'Lisle Roads.	Do.	Do. ...
441	7031 (1B)	1C	3604	65	Haines Road near Byculla Bridge.	Fountain & cattle-trough.	Do. ...
442	2331	299	6989	108	Grant Road ...	Do.	Do. ...
443	6302 (1)	19	3708	67	On Port Trust Ground.	Stand-pipe & cattle-trough.	Do. ...
444	3801 & 3800	3 & 2	1/3588 & 2/3590	65	Sankli Street .	Fire Brigade Station.	Fire Brigade.
445	6957	4	1/3332	70	Mazagon, Koliwada.	Vacant ground ...	Health ...
446	6348,6353 (1-2)	1-2, 25	3732	67	Tank Bundar, Hindu Burning and Burial-ground.	Burning and burial-ground.	Do. ...
447	1665 (2)	100	6294	87	Kamatipura 7th Street.	Latrines	Do. ...
448	1838 (2)	86A	6805	87	Do. 9th Street.	Urinal and Latrines	Do. ...
449	5180,5181	47,49	3524	71	Gunpowder Road.	Land	Building Dept.
450	5305,5306	106 to 110, 113	3521	71	Coppersmith Street.	House & Land ...	Do. ...
451	5320 (2)	1A	5520	71	Do. ...	Land	Do. ...
452	5368	54	3537	71	Coppersmith Cart near Nowghur Tank.	Land	Do. ...
453	5367	53	3548	71	Do. ...	Do.	Do. ...
454	5327	18	3534	71	Do. ...	Do.	Do. ...
455	5381, 5382 and 5383.	67, 68, 69	3580	71	Coppersmith Cart.	Land and Building.	Do. ...
456	3882	69	.....	...	Ripon Road ...	Land	Do. ...
457	3736 (4)	5	.....	...	Do. ...	Do.	Building ...
458	5290-92	34, 36(1), 38	3591	71	Coppersmith Street.	Houses with Stable and vacant land.	Do. ...
459	5326	17			Do. ...	Land	Do. ...
460	5762	18			Dockyard Road.	House	Do. ...
461	5700	21, 23	3458	71	Do. ...	Vacant land ...	Do. ...
462	5146, 5147	1 and 2	3597	71	D'Lima Street ...	Houses and land ...	Do. ...

Ward E.—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
.....	50	9·17	.....	Public use ...	.....	.....	
.....	50	.....	.....	Road ...	.....	.....	
.....	300	.....	.....	.....	.....	.....	
.....	354	2·57	.....	Public use ...	.....	.....	
.....	400	14·44	.....	Do. ...	Used for the same purpose.	.....	Lately shifted near the new road (Victoria Road Extension).
29,333	1,01,632	1,859·04	30-11-96	Fire Brigade.	Do. ...	.....	
933	788	123·00	1894	Public use ...	Do. ...	.....	
.....	1,28,365	25,673	1883	Burial-ground	Do. ...	Nil.	
1,500 2,000	3,000	45·50	.....	Public use ...	Do. ...	Nil.	Rs. 2,000 were spent in 1896 for remodelling.
7,500	1,920	128	26-8-96	For the Reay Road and its frontages.	Do. ...	Nil.	Portion added to Reay Road.
5,175	3,000	155	9-11-96	Do. ...	Do. ...	Nil.	Portion added to Reay Road.
1,000	1,001	20	5-11-96	Do. ...	Do. ...	Nil.	Building has been pulled down and portion added to Reay Road.
5,000	120	24	24-7-95	Do. ...	Do. ...	Nil.	Building has been pulled down.
3,450	185	37	23-5-96	Do. ...	Do. ..	Nil.	Do. do.
6,449	2,180	218	21-9-97	Do. ...	Do. ...	Nil.	Do. do.
2,700	3,200	320	23-5-96	Do. ...	Do. ...	Nil.	Portion added to Reay Road.
.....	231	33	.....	Public ...	Do. ...	Nil.	For keeping a dust-bin cart.
.....	126	18	.....	Road ...	Do. ...	Nil.	
60,000	60,000	5,189	22-2-95	For the Reay Road and its frontages.	Rented. Used for the same purpose.	Rs. 70 per month from 1-10-96.	Main building on the north to be pulled down. Portion added to Reay Road.
13,000	4,365	291	28-5-97	Do. ...	Do.	Nil.	The house has been pulled down.
17,653	8,850	737·50	2-12-96	Do. ...	Do. ...	Nil.	Buildings have been pulled down.

635. **List of Municipal Properties—**

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
463	5098	3	3598	93 & 94	West of D'Lima Street.	Land	Building ...
464	5097	27	3598	93	Do. ...	Do.	Do. ...
465	5093	2	3598	93	Do. ...	Do.	Do. ...
466	5090	3	1-3/3599 &	93	D'Lima Street ...	Land and Buildings	Do. ...
467	5091	4	5/360				
468	5085 (3)	8A	1/3600	93	Do. ...	Do. ...	Do. ...
469	5706 (4)	6C	.....	.....	Dockyard Road near Pedder Market.	Urinal	Health ...
470	4663 (2)	1A	.....	.....	Parel Road near Richardson and Cruddas Iron Works.	Do.	Do. ...
471	796 (2)	110A	.....	.....	Bapty Road ...	Stand-pipe ...	Water ...
472	6311 (1)	28	3708	67	Tank Bandar Rd.	Land	Do. ...
473	6311 (2)	28 (a)					
474	7082 (1a)	153 AA	3454	65	Haines Road ...	Chowki	Road Dept....
475	7097 (4d)	1 AA	3470	65	DeLisle Road ...	Urinal and Latrine.	Health ...
476	4267	39	3482	64, 65	Agripada ...	Agripada open drain from DeLisle Road to Arthur Road closing Haines and Ripon Roads.	Drainage ...
477	537 (1)	444	5,683	77	Junction of Bellasis Road with Duncan Road.	Urinal	Health ...
478	4864 to 4871	25,1 to 6, 27	3709	66-67	Mount Road ...	Land and Wells ...	Building ...
479	5876	102	.....	.....	Matar pacady Road.	Vacant land with a stand-pipe.	Water ...
480	916 (3)	78A	.....	.....	Stable Street ...	Urinal	Health ...
481	5760	7	.....	.....	Dock-Yard Road	Well	Water Works
482	5864	50	3547	71	Copper Smith Oart near Nowghar Tank.	Land	Building ...

Ward E—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
13,788	3,445	686	2-11-96	For Reay Road and its frontages	Used for the same purpose.	Nil.	Buildings has been pulled down.
1,669	1,355	271	12-9-96	Do. ...	Do. ...	Nil.	
8,115	1,285	257	12-8-96	Do. ...	Do. ...	Nil.	Buildings are pulled down.
25,000	8,245	1649	26-4-95	Do. ...	Do. ...	Nil.	Buildings have been pulled down.
1,200	440	44·05	11-1-98	For bridge and northern approach of Reay Road.	Do. ...	Nil.	The building has been pulled down.
.....	.....	.....	.....	Public use ...	Do. ...	Nil.	
.....	.....	.....	.....	Do. ...	Do. ...	Nil.	
.....	.....	.....	.....	.....	.....	.....	
1,64,000	2,02,776	32,799·95	31-3-96	Burial-ground for Mahomedans.	Used for the same purpose.	Nil.	
40	30	3·25	1894	Public use ...	Do. ...	Nil.	
3,000	1,500	3·50	1891	Do. ...	Do. ...	Nil.	
.....	.....	7,721	1893	Do. ...	.....	.....	This is a drain. There is no fixed income from these properties. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized.
864	860	.....	1896	Do. ...	Used for the same purpose.	Nil.	
1,20,000	1,03,000	28,496	10-4-97	Burial ground for Jews and Beni-Israels.	.....	Nil.	
.....	.....	241	1854	Public ...	Used for the same purpose.	Nil.	
.....	.....	1¼	.....	Do.	Do.	.....	
.....	.....	362	1854	Do.	.....	Nil.	
1,600	400	67·00	10-10-96	For Reay Road and its Frontages.	Used for the same purpose.	Nil.	Building has been pulled down and portion added to Reay Road.

635. **List of Municipal Properties—**

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
483	5150	92	1B/8597	71,72	DeLima Street	House, land, stable and well.	Building ...
484	.....	.....	.....	...	Victoria Garden.	Superintendent's Office, Malies Quarters block Nos. 1 and 2 and Head Animal Keeper's Quarters.	Superintendent of Garden.
485	5099 to 5101, 5103 to 5106, 5115-21-23,25 to 29, 5140 to 5143 & 45	4 to 6, 8 to 11,2, 5, 6-7, 8, 9, 10, 11, 2, 76, 78, 80, 84.	5397	93-94	DeLima Street ...	Vacant Land ...	Building ...
486	7021 (3)	.....	.....	...	Passage between Dock Yard Road and Gun Powder Road.	Well	.....
487	7054-55	143-145	.....	...	DeLisle Road ...	Land	.....

Ward E—*concluded.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
32,000	32,000	2,677⅞	9-6-98	For Reay Road and its frontages.	Rented ...	Rs. 100 per month from 9-6-98.	
12,123-3-5	.....	.....	9-98	.....	.....	.....	
64,642	64,642	4,513	9-98	For Reay Road and its frontages.	Used for the same purpose.	Nil.	
.....	.....	140	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.. ...	.....	Forms a portion of a water course.

635. List of Municipal

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
488	84	2515	2515	50	Parel Road ...	Photometer house...	Engineer's Dept.
489	358 (1)	115	2/2598	41	Elphinstone Road	Land for Market ...	Road ...
490	518 to 520, 515 (1-2) (3)	148 (148 A, 148 B), 151, 152, 153	3&59.6/2001	30, 31	Dadar Road	F and G Ward stables and Inspector's Offices.	Health ...
491	536, 537	169, 170	1 (a)/2098	31	Do.	Ward Offices ...	Assessment & Road.
492	831 (1) (2)	191, 191 A	2088	31	Naigam Cross Rd.	Naigam Tank ...	Garden. ...
493	831 (3)	191-B	2088	31	Naigam Cross Rd.	Fire Brigade station.	Chief of Fire Brigade.
494	1080	8	2403	56	Parel Tank Road towards Kalachowki Road.	Stand-pipe ...	Water ...
495	1081	9	2403	56	Do. (close to the above.)	Stand-pipe (for low castes.)	Do. ...
496	1143 (1)	71	2425	51	Golanji Hill Road	Public latrines ...	Health ...
497	2543	1237	2488	40	Parel Village ...	Well ...	Water ...
498	2619	1313	2488	40	Do. ...	Stand-pipe ...	Do.... ...
499	3629	1323	68/2483	40	Do. ...	Land ...	Building ...
500	1441	185	10/2123	40	Bhoiwada, Parel, Thakorwadi.	Stand-pipe and cattle-trough.	Water ...
501	1906 (3)	600-B	2206	32	Naigam Road ...	Fountain with cattle-trough.	Do.... ...
502	2385	1079	25/2273	39	Sevri Road (Dhakti Sevri.)	Stand-pipe and cattle trough.	Do.... ...
503	2750	1444	22/2183	51	Parel Back Road Village.	Stand-pipe	Do.... ...

Properties—Ward F.

Original cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
1,000	1,900	132·28	1873	Photometer house.	Used for the same purpose.	Nil.	
.....	9,500	2732·00	G. R. Nos. 4351 26-8-75, 48-3 14-7-8	For Market.	Depôt, Road Branch.	Nil.	
71,240	71,240	8332	18-12-94	For F and G Ward stables.	Used for the same purpose.	Nil.	
14,000	12,000	978·68	1888	Assessment & Engineer's Dept. Ward Offices.	Do. ...	Nil.	
.....	44,300	32404·83	Government Proclamation of 1854.	Public use.	Do. ...	200	Right for fishing and vegetables for one year sold. A portion of the tank measuring 829·71 sq. yds. has been reclaimed, and a building for the Fire-Brigade station has been built over it.
8,098	8,098	829·71	1895	Fire Brigade station.	Do. ...	.....	
.....	800	17·10	.....	For dipping well.	Do. ...	Nil.	Dipping well closed and a temporary stand-pipe erected.
.....	180	14·67	.....	For stand-pipe.	Do. ...	Nil.	
.....	4,162	341·00	20-10-97	For public latrine.	Do. ...	Nil.	
.....	560	100·88	.....	For well ...	Do. ...	Nil.	Dipping well closed and a temporary stand-pipe erected.
.....	230	24·34	.....	Do. ...	Do. ...	Nil.	
.....	100	68·41	.....	Do. ...	Lying vacant.	Nil.	Formerly there was a well which has been reclaimed by the Water Works Dept.
50	242	22·34	.....	For dipping well and cattle-trough.	For the same purpose.	Nil.	Dipping well closed and stand-pipe erected at a cost of Rs. 242-6-7.
.....	850	15·11	.....	For fountain with cattle-trough.	Do. ...	Nil.	Gift from Dr. Batliwalla.
.....	1,600	50·28	.....	For stand-pipe and cattle-trough.	Do. ...	Nil.	With over head tank for storing water.
.....	190	19·63	.....	For dipping well.	Do. ...	Nil.	Dipping well closed and a temporary stand-pipe erected.

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
504	2845 (2)	86-A	2345	38	Sevri Fort Road..	Tank	Water ...
505	4528(2),4529(2)	1769A, 1770A	1/1104, 2/1104	21, 33	Matunga Road ...	Land, Lepers' Home, Chapel House.	Health ...
506	(4877)	2113	333	21	Gowari ...	Tank	Water ...
507	5188	2429	939	21	Matunga... ...	Futka tank and well	Do. ...
508	5845	3086	644	15	Seo Road, south-east of Agarwada.	Satgar tank ...	Do. ...
509	6065	3306	1/655	6	Do. south-west	Land, stand-pipe and cattle-troughs	Do. ...
510	6840 (2)	407 A	1182	32	Matunga Road near Vithoba Temple.	Fountain with cattle trough.	Do. ...
511	7062-63	629, 630	3/887, 6/887	22	Matunga Maharwada.	Low-caste Hindoo burial-ground.	Health ...
512	7798	1365	2/922	21	Matunga Road near Futka tank	Stand-pipe ...	Water ...
513	6079 (1)	1320	544	6	Sion Road ...	Night-soil, Depôt and latrines.	Health ...
514	7997 (1) to 8000	1564 to 1567	781, 782	13, 14	Do. ...	R. C. Cemetery ...	Trustees and Warden, N. S. Gloria.
515	3182 (2)	423 A	2318	39	Sewri Road ...	Public latrines ...	HealthDept.
516	6322 (1, 2)	3563, 3563 A	623	15	Sion Agarwada north-east of Sion sluice house 48" Tansa main.	Kalay tank ...	Water ...
517	1513	207	2115	40	Bobiwada Bamnoli.	Land for Night-soil Depôt.	Health ...
518	7925 (2)	1492 A	802	14	Sion Road ...	Well and land ...	Water ...
519	3602	843	2160	32	Wadala Village...	Stand-pipe ...	Do. ...
520	4009	1256	1059	20	Antop Hill (Matunga).	Jewish prostitute burial ground.	Health ...

Ward F—*continued.*

Original cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	2,900	2032·88	Government Proclamation of 1854.	For tank.	For the purpose.	Nil.	
10,988	16,200	33880·00	G. R. No. 1635 of 2-7-70.	Burial ground.	LeperAsylum	.....	
1,056	3,100	4451·78	Government Proclamation of 1854.	Tank for public use.	Do. ...	Nil.	
870	4,000	3499·00	Government Proclamation of 1854.	Public use ...	Used for the same purpose.	Nil.	
1,740	4,500	6600·00	Do. ...	Do. ...	Do. ...	Nil.	
.....	470	52·67	1870 ...	For dipping well and cattle-trough.	Do. ...	Nil.	Dipping well closed and stand-pipe erected.
.....	400	17·00	.....	Fountain with cattle-trough.	Do. ...	Nil.	
.....	170	450·00	.....	Public use ...	Do. ...	Nil.	
50	147	22·34	... ...	Do. ...	Do. ...	Nil.	Dipping well closed and stand-pipe erected.
.....	800	72·00	.....	Night-soil Depôt.	Do. ...	Nil.	
.....	900	36,191·00	1868 ...	For Cemetery.	Do. ...	.....	
.....	2,250	422·00	1889 ...	For latrine...	Do. ...	Nil.	
.....	1,800	6115·88	G. P. of 1854.	For tank.	Do. ...	Nil.	
.....	289	800·00	G. R. No. 2316 of 17-8-84.	Night-soil Depôt.	Do. ...	Nil.	
.....	400	28·26	.....	For well, &c.	For the same purpose.	Nil.	On site of the former salt pans.
50	228	22·12	.....	Do. ...	Do. ...	Nil.	Dipping well closed and stand-pipe erected.
.....	500	1570·00	.....	For burial ground.	Do. ...	.....	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
521	2478 (3)	1172 B	2485	51	Parel Tank and Golanji Hill Roads Junction	Drinking fountain.	Water ...
522	2839 (2)	80 A	2247	32	Sewri Koliwada ..	Stand-pipe... ...	Do. ...
523	2127 (2)	821 A	2191	32	Sewri Cross Road	Do.	Do. ...
524	162 (2)	110 A	2605	41	Suparibag Road...	Do.	Do. ...
525	6441 (2)	8 A	2/1262	31	Naigam Cross Rd. & Dadar Road Junction.	Do.	Do. ...
526	387 (2)	20 A	1967	41	Elphinstone and Dadar Road Junction.	Drinking Fountain and cattle troughs.	Do. ...
527	542 (2)	1 A	2567	50	Suparibag and Parel Road Junction.	Stand-pipe and cattle trough.	Do. ...
528	4783 (2)	1974 A	1003	21	Gowari Village...	Stand-pipe... ...	Do. ...
529	6870 (2)	437 A	909	21	Matunga Khada (village).	Do.	Do. ...
530	7034 (2)	601 A	4/872	22	Do. Bhandarwada (Village).	Do.	Do. ...
531	7061 (2)	628A	887	22	Matunga Maharwada (village).	Do.	Do. ...
532	896 (2)	256A	5/2094	32	Naigaum Road ...	Do.	Do.
533	1894	588	2153	32	Do.	Cattle-trough ...	Do. ...
534	2779 (2)	20A	2395	51	Sewri, Jakaria Bandar Road.	Stand-pipe and cattle-trough.	Do. ...
535	1078 (2)	1A	2402	56	Parel Tank, Kala-Chowki, and Sewri Bandar Jakaria Roads Junction.	Cattle-troughs with a over-head tank for storing water.	Do. ...
536	2748	1442	22/2488	51	Parel Village Main Road.	Latrine	Health ...
537	3205 (2)	A/1772	15/733	14	Sion Road ...	Sluice House and land (Vehar 24" main).	Water ...
538	923 (2)	A/283	4/2066	40	Bhoiwada Road...	Do. do. ...	Do. ...

Ward F—*continued.*

Original cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	175	2·64	.....	For stand-pipe.	For the same purpose.	Nil.	
.....	50	7·32	.....	Do. ...	Do. ...	Nil.	
.....	40	1·00	.....	Do. ...	Do. ...	Nil.	
.....	175	3·41	.....	Do. ...	Do. ...	Nil.	Fountain.
.....	175	4·79	.....	Do. ...	Do. ...	Nil.	Do.
.....	1,500	4·91	.....	Do. ...	Do. ...	Nil.	Stand-pipe removed and drinking fountain and cattle-trough erected by Mr. Shaisha B. Naidoo at a cost of Rs. 1,500.
.....	376	76·52	.....	Stand-pipe and cattle-trough.	Do. ...	Nil.	
.....	40	1·00	.....	For stand-pipe.	Do. ...	Nil.	
.....	40	1·00	.....	Do. ...	Do. ...	Nil.	
.....	40	1·00	.....	Do. ...	Do. ...	Nil.	
.....	40	1·00	.....	For stand-pipe.	Do. ...	Nil.	
.....	30	4·43	.....	Do. ...	Do. ...	Nil.	
70	70	17·21	.....	For cattle-trough.	Do. ...	Nil.	Supply stopped at present.
.....	40	1·42	.....	For stand-pipe.	Do. ...	Nil.	
.....	75	16·44	.....	For cattle-troughs.	Do. ...	Nil.	
.....	2,412	106·88	1896	For latrines.	Do. ...	Nil.	The old latrine has been demolished and a new one has been constructed in its place. It is not ascertained whether the ground belongs to the Municipality.
.....	1,176	500	.....	For sluice house.	Do. ...	Nil.	
.....	1,022	346	.....	Do. ...	Do. ...	Nil.	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
539	2748	1442	3/22/2488	51	Parel Back Road..	Latrine	Health ...
540	1088 (2)	382A	2247	39	Sewri Dhakti ...	Stand-pipe	Water ...
541	358 (3)	115B	2/2598	41	Elphinstone Road.	Chowki	Road Dept....
542	1134 (2)	62A	2432	51	Parel Tank Road.	Executive Engineer's Chowki.	Do. ...
543	1202 (2)	130A	2366	52	Golanji Hill Road	Silcher's Incinerator.	Health Dept.
544	6260 (3)	3501A	1/629	15	Sion Agarwada...	Sluice House (Tansa 48" main).	Water ...
545	6852 (3)	419A	1109	33	Matunga Road ...	Chowki	Road Dept....
546	.....	.....	.....	.....	Futka Tank ...	Cemetery Clerk's Chowki	Health ...
547	743 (1) 743 (3A)	103 BB 103 BB	P 1/2031	31 & 40	Vincent Road ...	Bhangis Chawl ...	Do. ...
548	.....	.....	8/2464	.....	Parel Bhoiwada ..	Land for Latrine ...	Do. ...
549	1321 (2)	15 A	2487	40	Parel village near Night Soil Depôt	Latrine	Do. ...
550	1321 (3)	15B	2487	40, 51	Parel Road ...	Hopper ...	Health ...
551	2478 (3)	1172B	2485	39, 40	Parel Tank Road.	Stand Pipe ...	Water
552	3544	785	131/2100	32, 33	Vadala Village ...	Land ...	Building
553	5283 (2)	2534A	6/931	21	Seo Road ...	Do. ...	Do. ...
554	7802 (2)	1369A	3/926	21	Vincent Road ...	Death Register Chowki	Health ...

Ward F—*concluded.*

Original cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	6,393	92	1895	For latrine...	Used for the same purpose.	Nil.	
1,107	1,107	4·75	.....	For standpipe.	.....	.....	
80	80	5	1894	For Chowki..	Used for the same purpose.	Nil.	
80	80	5	1894	Do. ...	Do. ...	Nil.	
933	800	483·67	1894	For Incinerator.	Do. ...	Nil.	A nominal rent of 9 pies p. a. is charged by Govt.
.....	4,400	70	1891	Sluice house.	Do. ...	Nil.	
80	80	5	1894	For Chowki..	Do. ...	Nil.	
190-9-5	190-9-5	5·33	.....	.....	.....	.....	
40,000	21,709	2903	1891	For Vincent Road.	Bhangis' Chawl	.....	Portion handed over to the City Improvement Trust.
202	202	99·86	16-12-96	Public use ...	Vacant. ...	Nil.	
2,786	2,785	.....	1896	Do. ...	Used for the same purpose.	Nil.	
1,331	1,331	38·50	.....	Hopper ...	Do. ...	Nil.	
...	54	4·00	.....	Public use ...	Do. ...	Nil.	
...	28	28·00	.....	Do. ...	Vacant. ...	Nil.	
...	330	330	.....	Do. ...	Do. ...	Nil.	
...	...	...	.....	.....	.....	.....	

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
555	18 (1) 18 (1A)	18, 18AA	3343, 8/3344	46, 47	Hornby Vellard, North Junc. Worli Road.	Bungalow at Love Grove and Cook-house.	
556	19 (1)	19	1, 2/3360, 1, 3/3356, 1, 2, 4/3354, 2/3357	46, 47	Do. ...	Old & new Pumping Engine houses.	
557	21	21	2/3352	46, 47	Do. ...	Tank and vacant land.	
558	22 (1) 23 22 (2),	22, 22A, 23	1/3351	46, 47	Do. ...	Chawls and two other new chawls.	Drainage.
559	43	43	3379	59	Hornby Vellard...	Land	
560	44 (1), (5) 44 (3),	44, 44*b*, 44*d*	3378	59, 62, 63	Do. ...	Do. and channel...	
561	96 (1)	96	1, 3, 4/3352 and 3353	59, 47	Do. ...	Land for surface drainage.	
562	96 (2)	96A	3/3352	47	Worli Road ...	Land (channel) ...	.....
563	17	17	2/3345	47	Do. ...	Land	.....
564	45	45	3378	58	Clerk Road ...	Burial-ground for low-caste Hindus.	Health ...
565	46 and 20	46 & 20	2/3378 & 3/3352	59, 47	Do. ...	Land 50ft. on either side of main drain from Clerk Road to Love Grove Pumping Station.	Drainage
566	50 (1 and 2)	50, 50A	3423	57 & 58	Haines Road ...	Dhobies' lines and shop and enlargement.	Health
567	50 (3)	50B	3423	57, 58	Do. ...	Land for washing clothes by steam.	
568	52 (1), 53 to 58 (1), 59 to 61, 72, 88, 94, 98, and 65	52 to 58 and 59 to 61, 72, 88, 94, 98, 65	3377, 3376, 3374, 3373, 3372, 3371, 3370, 3369, A/3367, 1/3365, 3355, 3/3354, 2/3353	47	Haines Road and Mahalaxmi Road.	Land for burial-ground.	Health ...
569	51 (1)	51	3375	47	Haines Road ...	Land	.....
570	52 (2)	52A	3377	47	Do. ...	Corrugated iron firewood shed.	Health ...
571	63	63	3/3367	47	Do. ...	Place for the disposal of the dead (Hindu, low-caste)	Do. ...
572	64	64	2/3367	47	Do. ...	Land	Do. ...

Properties—Ward G.

Original cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	3,34,000	.....	.....	.....	Used for the same purpose.	.....	A. There is no fixed income from these properties. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized.
		23 acres and 833 sq. yds.	4-8-85 ...	.....			
			G. R. No. 950/22-2-79	For surface drainage.			
				Do. ...			
				Do. ...			
.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	
.....	7,422	14,844	G. R. No. 1931/15-4-78	Burial-ground.	Not in use ...	Nil.	
.....	45,722	45,742	G. R. No. 701/10-7-79	For main drain.	Used for the same purpose.	Nil.	
70,000	1,50,000	19,058	G. R. No. 1465/7-3-77	For Dhobie ghat.	Do. ...	Nil.	
40,000	90,944	156,067	.....	Burial-ground.	Not in use ...	Nil.	
.....	3,699	7,399	.....	.....	.....	.....	
.....	150	25	4-3-95	Fire-wood shed.	Used for the same purpose.	.....	
.....	42,690	25,380	Collector's No. 286 of 7-2-87.	Burial purposes.	Do. ...	.....	
.....	.....	.....	.....	.....	.....	.....	

635. List of Municipal

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
573	62 (1), (2)	62, 62A	3368	47	Haines Road and MahalaxmiRoad.	Foras Tank, now used as burial-ground and shed.	Health ...
574	398 (1)	500	1/3247	27	Worli Road (Nawapada).	Well	Water ...
575	830 (2, 3, 4, 5 and 6)	389A, 389B, 389C, 389D & 389E	3219	26	Worli Koliwada near the Fort.	Five Tanks... ...	Do. ...
576	P/2540 (1)	5	3034	28	Worli Road ...	Land near the sluices.	Road ...
577	984 (1 & 2)	160, 160a	2724	57, 58	Arthur and Haines Roads.	Drying ground ...	Health ...
578	1007 (2)	12A	2726	57,48 49	Haines Road ...	Land (Tulsi 24" pipe line.)	Water Works.
579	985	162	2722	57, 58	Arthur Road ...	Foras tank (now filling up).	Health ...
580	986 to 990, 992, 995, 996	164, 170 (1), (5) 176, 178	2721, 1/2720, 2/2720, 1/2720, 3/2720	57	Do. ...	Hindu and Mahomedan burial-ground.	Do. ...
581	2347 (1)	173	2692, 2693	57	Arthur and De Lisle Roads.	Foras tank (now filling up).	Water and Road.
582	1106	110	8/3131	47	Fergusson Road...	Land	Building
583	1119 (2)	123A	1/3129	48	Do. ...	Do.	Do.
584	1120	124	2/3129	47, 48	Do. ...	Do.	Do.
585	1122 (1)	126	1/3128	47, 48	Do. ...	Do.	Do.
586	1123	126A	2/3128	47, 48	Do. ...	Do.	.....
587	1181 (1)	183	3164	44	Worli Road (Sambhoo Mahadeo Pakadi).	Tank	Water ...
588	1181 (2)	183A	3164	44	Do. ...	Sambu tank and well.	Do. ...
589	1384 (2)	383A	3205	44	Worli Road (Mathar pakadi).	Well	Do. ...
590	1452 (1) & 2539	4514	3035	28	Worli Road ...	Sluice-houses ...	Drainage ...
			2838	49	Fergusson Road.	Market and land.	Market ...
					Do. ...	Land (Reserved for over bridge).	.....

Properties—Ward G—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.					
5,000	19,280	19,280	Act VI of 1857.	Reservation Tank.	Not in use ...	Nil.	
.....	3,000	169	G. R. 11-4-54...	For drinking purpose.	Used for the same purpose.	Nil.	
.....	12,500	135·33 84·72 164·49 120·00 127·44	Do. ...	Do. ...	Do. ...	.....	One of these is filled up with debris of fallen walls.
223	894	894	20-8-63 ...	Storing road materials.	Do. ...	Nil.	
.....	3,09,940	1,50,000	G.R. No. 5155/23-8-77	Dhobies drying ground.	Used for the same purpose.	Nil.	
.....	.....	.....	.....	.....	.....	.....	
.....	19,615	19,600	Act VI of 1857.	Reservation Tank.	Not in use ...	Nil.	
.....	65,053	60,025	27-4-75, 15-2-81, 15-2-82, 14-2-82	For burial ground.	Cultivation...	.....	
.....	57,628	14,407	Act VI of 1857.	Reservation tank.	Road metal and rollers and water pipes.	60	Yearly for cutting grass. No fixed income.
.....	906	302	.....	For road ...	Surplus ground, vacant.	Nil.	
.....	3,771	1,257					
.....	5,400	1,800					
.....	6,153	2,051					
.....	.....	.....	.....	.....	.....	.....	
.....	7,400	2,788	G. P. 11-4-54 ...	Drinking ...	Used for the same purpose.	Nil.	
.....	.....	.....	.....	.....	.....	.....	Well at the south-west corner of the tank.
50	1,675	78	G. P. 11-4-54 ...	Drinking ...	Used for the same purpose.	Nil.	B. There is no fixed income from these properties. The rights of fishing in the sluice are annually sold when different amounts are realized.
.....	2,400	408	.....	Drainage ...	Do. ...	.....	
.....	2,821	500	.....	.....	.....	1087-6-2	
.....	1,984	496	.....	.....	.....	.....	

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or branch in charge of the Property.
591	3539 (2) 2540 (1)	4A 5	3035,3034A	28	Ferguson Road...	Land	Health ...
592	2346 (1)	554	2949	42	DeLisle and Parbhadevi Roads.	Foras tank... ...	Drainage ...
593	2346 (2)	554A	2949	42	Do. ...	Night-soil depôt ...	Health ...
594	2529 (1)	41	1 2648	42	DeLisle Road ...	Land	Building ...
595	2532 (2, 3)	41 (A & B)	2648	42	Do. ...	Fire Brigade and lascars' quarters including road.	Chief of Fire Brigade.
596	2811 (1 & 2)	276, 276A	1752	29	Mahim Agar ...	Sowli Tank... ...	Water ...
597	3507	971	1920	30	Elphinstone Road	Land	Building ...
598	3711	72	1287	23	Hasali near Lady Jamsetji Road.	Hasali tank ...	Water ...
599	4854 (1 & 2)	183, 183A	1503	24	Jambli Tank, Mahim Bazaar Rd.	Jambli tank ...	Do. & Road.
600	5303, 5304	43, 44	49	10	Durga Street ...	Land, Health Dept. stables.	Health ...
601	5312	52	55	10	Mahim Custom Road.	Police quarters and sowars' stables.	Streets and Buildings.
602	5884	310	Below 93	9, 12	Upper Mahim ...	Digbee tank ...	Water ...
603	6110 (1)	585	59	10	Mori Road ...	Sir Kawasji Jehangir Garden.	Supt. of Gardens.

Properties—Ward G—*Continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	58,238	116,477	G. R. No. $\frac{1281}{11-3-73}$	Drage channel.	Used for the same purpose.	Nil.	Filling in cutchra.
3,000	19,669	17,718	Act VI of 1857.	Reservation ..	Not in use ...	.....	Partly filled up for erecting the night-soil depôt thereat. There is no fixed income from the remaining part. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized.
13,172	22,150	.....	.....	Do. ...	Night-soil depôt.	Nil.	
.....	16,500	4,466	.....	Night-soil depôt.	Used for the same purpose and partly vacant.	Nil.	
.....	25,280	.....	7-10-93	Do. ...	Fire Brigade station.	Nil.	
300	7,900	5,302	G. P. 11-4-54 ...	Washing ...	Not in use.	.....	Planting and gathering shingodas. Annual rent Rs. 6.
2,722	2,725	5,449	26th Jan. 1869.	Road ...	Vacant.	Nil.	
.....	10,000	5,288	G. P. 11-4-54 ...	Public purpose.	Not in use ...	.....	Income derived from the sale of the right of fishing.
.....	13,000	3,977	Do. ...	Do. ...	Do. ...	.....	Planting and gathering shingodas. Annual rent Rs. 8. Partly filled up and the ground used for metal depôt.
.....	6,500	5,178	G. R. No. $\frac{3493}{11-10-67}$	Health Dept. stable.	Used for the same purpose.	Nil.	
.....	5,666	1,666	.....	Police ...	Do. ...	Nil.	
.....	41,400	9,332	G. P. 11-4-54 ...	Public purpose.	Not in use ...	Nil.	
.....	10,780	30,313	G. R. No. $\frac{774}{4-2-75}$, 4522 of 8-8-76.	Garden ...	Garden ...	.....	

635. List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
604	6110 (4 & 5)	585C, 585D	59	10	Mori Road ...	Fire Brigade and lascars' quarters.	Chief of Fire Brigade.
605	6110 (3)	585B	59	10	Do. ...	Land for cutchra filling in.	Health ...
606	6110 (2)	585A	59	10	Do. ...	Land under cultivation.	.....
607	6256	145, 146	511	6,7	Dharavi Road ...	Sweeping ground for reclamation.	Building ...
608	6258-59	147, 148	$\frac{2}{512}$, 513	6,7	Do. ...	Site of Sweeping ...	Health.
609	6342 (1) (2)	231, 231A	Near 338	8	Do. ...	Chowki and sluice-house.	Drainage ...
610	6865 (2)	755A	$\frac{1}{310}$	8	Do. ...	Well	Water ...
611	7871	1761	$\frac{1}{330}$	8	Do. ...	Land (R. C. cemetery).	Health ...
612	5347 (3)	202A	52	10	Durga Street ...	Land with latrines..	Do. ...
613	7322 (2)	1212A	Between 475 & 474	7 & 8	Dharavi Road ...	Land between Survey Nos. 474 & 475.	Building ...
614	1 (8)	1G	Nil.	59	Breach Vellard...	Garden	Road ...
615	.....	Nil.	Nil.	Nil.	Bandora	Land and slaughter-house, &c.	Supt. of Markets.
616	.....	Nil.	Nil.	Nil.	Do.	Grazing ground ...	Do.
617	7008 (?)	* 898A	297	8	Dharavi Road ...	Stand-pipe & cattle-trough.	Water ...
618	5996 (2)	472A	64	9	Mori Road ...	Stand-pipe... ...	Do. ...
619	5524 (3)	157A	10	10	Mahim Bazar, Lady Jamsedji Road Junction.	Drinking fountain..	Do. ...
620	4744 (2)	73A	1536	11	Mahim Bazar near Police Chowki.	Stand-pipe... ...	Do. ...

Ward G—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
.....	6,564	.....	G. R. No. $\frac{774}{4-2-76}$, 4522 of 8-8-76	Garden ...	Fire Brigade.	.....	The Fire Brigade station was completed on 30th Nov. 1893.
.....	41,381	.....	Do. ...	Do. ...	Cutchra filling in.	.....	
.....	.....	.....	.....	.....	.....	.....	
	8,868	35,470	G. R. No. $\frac{528}{21-1-67}$	Reclamation.	Not in use ...	.....	
15,900	10,061	40,244	G. R. No. $\frac{4737}{3-8-77}$	Do. ...	Do. ...	Nil.	
	1,200	500	.....	Drainage ...	Used for the same purpose.	.....	B. The rights of fishing in the sluices are annually sold collectively in the month of March when different amounts are realized.
.....	200	19·63	G. P. 11-4-54 ...	Public ...	Do. ...	Nil.	
.....	1,351	5,430	1-12-68...	Burial purposes.	Not in use ...	Nil.	
.....	2,976	142	1895	Latrines ...	Used for the same purpose.	Nil.	No ground rent to be paid—*vide* Collector's No. $\frac{1830}{16-8-89}$
.....	58	280	G. R. No. $\frac{3250}{25-11-82}$	Burial ...	Not in use ...	Nil.	
.....	10,000	1,810	.....	Slopes of Vellard.	Garden ...	Nil.	
2,34,298	3,71,717	10 acres	.....	Slaughter-house	Used for the same purpose.	1,94,488-11-0	Out of the Island of Bombay. Rs. 435 annual rent.
		411 acres	.....	Grazing Ground.	Do. ...	.....	
.....	291	56·25	.....	Drinking ...	Do. ...	Nil.	
.....	75	4·68	.....	Do. ...	Do. ...	Nil.	Dipping well closed and stand-pipe erected.
.....	207	3·67	.....	Do. ...	Do. ...	Nil.	
.....	80	3·55	.....	Do. ...	Do. ...	Nil.	

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
621	2736 (3)	201B	1656	11	Mahim Bazar near Police chowki opposite House No. 2.	Stand-pipe ...	Water ...
622	4569 (3)	928A	Between 1554 & 1572	24	Do. Bhandarwada.	Do.	Do. ...
623	5151 (2)	479A	54	12	Lady Jamsedji Road.	Stand-pipe & cattle-trough.	Do. ...
624	4974 (5)	302D	Opposite 1610 (20)	29	Mahim Bazar on Parbhadevi Road (Old Junction).	Do.	Do. ...
625	2838 (2)	303A	Opposite 1747.	28	Junction of New & Old Parbhadevi Roads. ...	Do.	Do. ...
626	3689 (2)	50A	Opposite 1455	30	Dadar Road ...	Stand-pipe ...	Water ...
627	965 (2)	524A	Opposite 3226	27	Worli Koliwada near Customs Chowki	Drinking fountain..	Do. ...
628	865 (2)	424A	3220	26	Do. near Fort.	Do. ...	Do. ...
629	398 (2)	300A	3247	27	Do. Nawapada	Stand-pipe ...	Do. ...
630	1384 (3)	383B	3205	44	Do. Mahtarpakhadi.	Do. ...	Do. ...
631	138 (2)	35A	3300	44	Do. Motipakady.	Do. ...	Do. ...
632	1107 (2)	111A	3131	47	Worli& Fergusson Roads Junction	Do. ...	Do. ...
633	18 (4)	18C	3343	47	Worli Road, Love Grove sluices	Do ...	Do. ...
634	3450, 3451	914-15	1818&1936	42	Junction of De Lisle and Elphinstone Roads.	Drinking fountain and cattle-trough	Do. ...
635	1 (9)	1 (H)	Nil.	62	H. Vellard South end Junction Clerk Road.	Drinking fountain.	Do. ...
636	6 (2)	6A	3346	60	Hornby Vellard, North.	Do. and cattle-trough.	Do. ...
637	3062 (2)	526A	Opposite 1814	29	Mahim-Agar Khera tank.	Stand-pipe ...	Do. ...
638	3435	899	1820	29	Dadar Kumbharwada.	Garden (Narsey Mahadeo).	Building ...
639	1090 (3)	94B	3156	47	Haines Road ...	Part of land ...	Do. ...
	1105 (3)	109B	3132	47	Fergusson Road.	Do. ...	Do. ...
	1105 (4)	109C					
41	1104 (5)	108D	3129 & 3133	47	Do. ...	Do. ...	Do. ...
			3133	47	Do. ...	Do. ...	Do. ...
642	2218 (3)	1214B	2768	48	Do. ...	Do. ...	Do. ...
643	2218 (4)	1214C	2768	48	Do. ...	Do. ...	Do. ...
644	2117 (2)	1113A	2810	48	Do. ...	Do. ...	Do. ...

Properties—Ward G.—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired or erected	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	80	3·33	.....	Drinking ...	Used for the same purpose.	Nil.	
.....	67	1·77	.....	Do. ...	Do. ...	Nil.	
.....	107	7·55	.....	Do. ...	Do. ...	Nil.	
.....	80	3·05	.....	Do. ...	Do. ...	Nil.	
.....	80	2·50	.....	Do. ...	Do. ...	Nil.	
.....	85	3·19	.....	Drinking ...	Used for the same purpose.	Nil.	
.....	100	1·77	.....	Do. ...	Do. ...	Nil.	
.....	175	1·00	.....	Do. ...	Do. ...	Nil.	
.....	75	4·28	.....	Do. ...	Do. ...	Nil.	
.....	75	6·25	.....	Do. ...	Do. ...	Nil.	
.....	233	28·44	.....	Do. ...	Do. ...	Nil.	Dipping well closed and stand-pipe erected.
.....	62	3·36	.....	Do. ...	Do. ...	Nil.	
.....	75	4·58	.....	Do. ...	Do. ...	Nil.	
.....	1,026	.....	.....	Do. ...	Do. ...	Nil.	Erected by Mr Wadia.
.....	620	13	.....	Do. ...	Do. ...	Nil.	
1,482	1,080	.....	1889 ...	Do. ...	Do. ...	Nil.	Erected by Mr. Wadia.
200	7,500	3·33	.....	Do. ...	Do. ...	Nil.	
2,136-12	5,535	2674·71	8-12-93 ...	For road ...	Vacant ...	Rs. 40 yearly.	
.....	183	61	.....	Road-making.	Surplus ground vacant.	Nil.	
.....	1,674	558					
.....	3,249	1083					
.....	1,392	464					
.....	7,446	2482	.....	.....	.....	.....	
.....	12,597	4199	.....	Road-making	Surplus ground vacant.	.....	
.....	420	140					

635. **List of Municipal Properties—**

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
645	1205 (1)	207	3168	44	Worli Road Sambhu Mahadeo Pakady.	Latrine	Health ...
646	1383 (2)	381A	1 3 / 3205, 3205	44	Do. Mahtarpakhadi.	Do.	Do. ...
647	1383 (1)	382	1 & 2 / 3205	44	Worli Road ...	Land ...	.....
648	3417	881	1824	29	Dadur Kumbharwada.	Garden (Bai Sonabai's).	Building ...
649	3418, 3419	882, 883	1824	29	Mahim Agar ...	House with outhouses.	.....
650	6167 (4)	56C	Near 296	8	Dharavi Road ...	Open ground with latrines.	Health ...
651	51 (2)	51 A	3375	47	Haines Road ...	Grave Digger's Chawl..	Health ...
652	125 (2)	27 A	3302	47	Warli Road, S. M. Pakhadi.	Chowki	Road ...
653	984 (3)	160 B	2724	5758	Arthur Road ...	Jaoli shed	.....
654	1067 (1)	72	5 / 3142	48	Haines Road ...	Water channel and sluices	Drainage ...
655	1685	684	3033	2848, 28	Warli Road ...	Water channel ...	Do.
656	1772 (2)	771 A			Do. ...	Land	
657	2031	1027	5 / 2851	49	DeLisle Road ...	Do.	.....
658	2036	1032	5 / 2850	49	Do.	Do.	.....
659	2037	1033	4 / 2850	49	Do.	Do.	.....
660	2042	1038	3 / 2849	49	Do.	Do.	.....
661	2075	1071	2 / 2823	49	Fergusson Road.	Do.	.....
662	2078 (2)	1074 A	1 / 2821	48	Do.	Do.	.....
663	2079 (2)	1075 A	2 / 2821	48	Do.	Do.	.....
664	2080 (2)	1076 A	2 / 2820	48	Do.	Do.	.....
665	2082 (1)	1078	2 / 2820	48	Do.	Do.	.....
666	2087	1083	4 / 2817	48	Do.	Do.	.....
667	2095	1091	11 / 2815	48	Do.	Do.	.....
668	2098	1094	9 / 2815	48	Do.	Do.	.....
669	2103	1099	3 / 2815	48	Do.	Do.	.....
670	2275	340	7 / 2678	89	DeLisle Road ...	Do.	.....

Ward G—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired or erected.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
.....	2,261	572·30	19-11-94	For latrines.	Used for the same purpose.	Nil.	
3,309	5,026	12·65	22-12-94	Do. ...	Do. ...	Nil.	
.....	.....	.....	.....	.....	.....	.....	
.....	7,000	3509	16-3-95	For road ...	Vacant ...	Rs. 70 yearly.	
.....	400	.....	.....	.....	.....	.....	
2,752	2,752	175	1896	For latrines.	Used for the same purpose.	Nil.	
10,181	10,181	311·42	4-3-95	For Grave Diggers.	Used for the same purpose.	...	
80	80	35⅔	5-7-95	Depôt Mukadam.	Do.	...	
...	10	...	.....	.....	.....	...	
...	...	21,667	.....	S. W. Drain.	Used for the same purpose.	...	Land has been handed over to the new Trust.
...	...	59,300	.....	Do. ...	Do.	Nil.	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	Part of Tulsi pipe road included in the cost of laying Tulsi water pipe.
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	Part of DeLisle Road.

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
671	2362 (3)	199 B	Near 2698	49	DeLisle Road ...	Chowki	Road ...
672	2526 (4)	38 C	2642	42	Do.	Land	.....
673	2540 (2)	5 A	3034	20	Warli Road ...	Do.	Health ...
674	3249 (6)	713 E	1874	3031	Dadar ...	Do.	.....
675	3513	976	2/1916	30	Elphinstone Road	Tulsi water pipe ...	Water ...
676	3522	985	4/1911	30	Do. ...	Do.	.....
677	3523	986	5/1911	30	Do. ...	Do.	.....
678	3526	989	2/1909	30	Do. ...	Land and pipe line..	.....
679	3561	1023	3/1899	30	Do. ...	Tulsi water pipe ...	.....
680	3562	1024	4/1899	30	Do. ...	Do. ...	.....
681	3585	1047	5/1897	30	Do ...	Do. ...	.....
682	3586	1048	4/1887	30	Do. ...	Do. ...	.....
683	3638	1	Nil.	31	Dadar Road ...	Sluice House (32" Vehar Water main).	.....
684	3750	111	A/1301	23	Matunala Tank Road.	Land Tulsi pipe ...	.....
685	3758	119	6/1306	23	Do. ...	Land with trees and Tulsi pipe ...	.....
686	3760	121	4/1308	23	Do. ...	Do. ...	.....
687	3961	322	3/1364	24	Do. ...	Land (vacant passage)	.....
688	3993 (2)	354A	1/1372	23 & 12	Do. ...	Land (vacant) ...	.....
689	3994	355	2/1373	23	Do. ...	Do.	.....
690	3995	356	3/1372	23	Do. ...	Do.	.....
691	3999	360	2/1374	23	Do. ...	Do.	.....
692	4003	364	4/1375	23	Do. ...	Land (rice) ...	.....
693	4004	365	4/1376	23	Do. ...	Land (vacant) ...	.....
694	4008	369	8/1377	23	Do. ...	Do.	.....
695	4009	370	7/1377	23	Do. ...	Do.	.....
696	4011	372	5/1377	23	Do. ...	Do.	.....
697	4012	373	4/1377	23	Do. ...	Do.	.....
698	4013	374	3/1377	23	Do. ...	Do.	.....

Properties—Ward G—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired or erected.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs. 80	Rs. 80	Sq. yds. 5	1894	Depôt Mukadam.	Used for the same purpose.	Rs. Nil.	
...	...	...	.....	.....	.....	...	Part of Tulsi pipe road included in the cost of laying Tulsi water pipe.
10	10	10	1896	Munl. purpose	Used for the same purpose	Nil.	
...	...	...	.....	.....	.....	...	Do. do.
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	Part of Tulsi pipe road included in the cost of laying Tulsi water pipe.
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	Included in the cost of laying Vehar water pipe
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	Part of Tulsi pipe road included in the cost of laying Tulsi water pipe.
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department or Branch in charge of the Property.
699	4854 (3)	183 B	1503	24	Mahim Bazar Road.	Chowki for Depôt Mucadam.	Road ...
700	5528	4	B/183	12	Upper Mahim Road.	Land (waste) ...	Water ...
701	5529	5	B/183	12	Do. ...	Sluice House (24" Tulsi Main).	.....
702	5563	39	4/173	12	Upper Mahim ...	Land (waste) ...	.....
703	5564	40	5/173	12	Do. ...	Do. ...	.....
704	5568	44	2/171	12	Do. ...	Do. ...	.....
705	5998	473 A	3/63	9	Mori Road ...	Land with trees ...	.....
706	5999 (1), (2)	474, 474 A	4/63	9	Do. ...	Do. ...	.....
707	6264 (2)	153 A	Nil.	6	Dharavi Road ...	Sluice House (32" Vehar water main)	Water ...
708	3717	78	3/1291	23	Do. ... Hasali Tank Rd...	Cemetery Clerk's Chowki. Land	Health ... Road ...
709	3718	79	2/1291	23	Do. ...	Do.	.....
710	3719	80	1/1291	23	Do. ...	Do.	.....
711	1382 (2)	381 A	1/3905	44	Worli Motipakhadi.	Latrine	Health
712	1205 (3)	207 B	1/3168	44	Do. Middle do.	Do.	Do.
713	51 (3)	51 B	3375	47	Haines Road ...	Shed	Do.
714	1091	95	.....	.....	Do. ...	Chowki	Engineer ...
715	2137 (2)	1138 A	5/2802	48	Fergusson Road...	Vacant land ...	Building Dept.
716	6110 (6)	585 E	59	10	Mori Road ...	Hut	Supdt., Gardens.
717	6110 (7)	585 F	59	10	Do. ...	Land	Health ...
718	1105 (4)	109 C	3132	47	Fergusson Road..	Do.	.....
719	1849 (2)	846 A	2/2967	42-43	DeLisle Road ...	Do.	.....
720	2347 (2)	173 A	2693	57	Do. ...	Fountain	Water ...
721	2539	4	3035	27	Worli Road ...	Sluice-house ...	Health ...
722	.....	.....	.....	.....	Do. ...	Cemetery Clerk's Chowki.	Do. ...

Properties—Ward G—*continued.*

Original Cost.	Present Estimated Value	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
80	80	5	1894	Depôt Mukadam's Chowki.	Used for the same purpose.	Nil.	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	Part of Tulsi water pipe included in the cost of laying Tulsi water pipe.
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	Included in the cost of laying Vehar water pipe.
...	...	5·33	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	Part of Tulsi water pipe included in the cost of laying Tulsi water pipe.
...	...	...	.....	.....	.....	...	
...	...	...	.....	.....	.....	...	
3,034	3,030	...	1896	Latrine ...	Used for the same purpose.	Nil.	
3,903	3,900	...	1896	Do. ...	Do. ...	Nil.	
.....	25	21	7-3-85	Depôt Mukadam's Chowki.	Do. ...	Nil.	
.....	311	218	26-3-97	.....	Do. ...	Nil.	
.....	2,664	74	21-1-86	.....	Do. ...	Nil.	
.....	7	37	.....	.....	Do. ...	Nil.	
.....	4,900	36,141	.....	.....	Do. ...	Nil.	
.....	...	...	.....	.....	.....	...	
.....	...	...	.....	.....	.....	...	
.....	...	...	.....	.....	.....	...	
.....	...	...	.....	.....	.....	...	
.....	...	5·33	.....	.....	.....	...	

635. List of Municipal

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Description or Brandi in charge of the Property.
723	50 (4)	50 C	.....	.....	Dhobiwada ...	Latrine	Health ...
724	4587, 4588	916, 947	.....	.....	Bhandarwada Rd.	Land with house No. 945.	Do. ...
725	1 (10)	1 (K)	.....	.....	Hornby Vellard southern end.	Cattle trough ...	Water ...
726	1104 (4)	108 C	.....	.....	Fergusson Road...	Land	.....
727	1119 (3)	123 B	.....	.....	Do. ...	Do.	.....
728	1382 (1)	381	.....	.....	Worli Road Motpakhadi.	Do.	.....
729	1977 (1)	973	.....	.....	DeLisle Road ...	Do.	.....
730	4103	464	.....	.....	Gopi Tank Road..	Naska Tank ...	.....
731	2285 (1)	358	.....	.....	DeLisle Road ...	New Market ...	.....
732	2346 (3)	554 B	.....	.....	Do. ...	Channel	.....
733	1452 (2)	451 A			Worli Road ...		
						Vehar Lake and dependent works.	.....
						Tansa Lake and dependent works.	.....
						Tulsi do. do.	.....
						Pawai do. do.	.....

Properties—Ward G—*concluded.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.					
.....	...	...	.....	.....	.....	...	
.....	...	...	.....	Cemetery	.....	...	Charni Wadi Cemetery.
.....	186	...	.....	.....	.....	...	Removed from Warden Road (D Ward) and erected here.
.....	.....	.....	.....	.....	.....	...	
.....	.....	.....	.....	.....	.....	...	
.....	.....	.....	.....	.....	.....	...	
.....	.....	.....	.....	.....	.....	...	
.....	.....	.....	.....	.....	.....	...	
.....	.....	.....	.....	.....	.....	...	
.....	.....	.....	.....	.....	.....	...	
56,09,072							
47,06,867							
9,90,584							
5,60,479							

THE MUNICIPAL SERVANTS' ACT.

636. No circumstances have arisen in this Department during the year to necessitate the putting of the Municipal Servants' Act into operation.

I have the honour to be,

Sir,

Your most obedient servant,

M. C. MURZBAN, F.R.I.B.A., M.INST.C.E.,

Executive Engineer, Municipality.

J.—SPECIAL DRAINAGE WORKS.

Report of Mr. James W. Smith, Special Drainage Engineer, forwarded under his No. S. D. 517 of 24th June 1899.

SIR,—I have the honour to submit the Administration Report of my Department for the year 1898-99.

2. I continued in charge of the office of Deputy Executive Engineer, Drainage, (in addition to carrying out my own duties) up to the 7th November 1898 when Mr. C. C. James having returned from leave, I handed over charge of that office to him.

3. The unfinished works in my Department commenced in previous years, and the new works commenced during the year were as follows :—

UNFINISHED WORKS.

1. Colaba sewerage works.
2. Umarkhadi sewerage works.
3. Mazagon sewerage works (gravitation portion).
4. House drainage connections in the Colaba District (street portions).
5. Fergusson Road and Chinchpokli sewerage works (gravitation portion).
6. Old Race Course sewerage works (gravitation portion).
7. Improvement of roadside drains with masonry gullies in the Khetwadi District.
8. Masonry drain from Girgam Road passing through Night-soil Depôt Lane and Mathew Road and crossing the B. B. & C. I. Railway to Back Bay.
9. Opening out the water-course to the west of Messrs. Kama's property, Parel Road, and constructing a covered drain thereat.

10. Culvert with a penstock in the eastern bank of the Mahalakshmi Reservoir.

11. Storm-water drain from near the Wellington Fountain *viâ* Band Circle to the sea.

12. Storm-water drain with water gullies in Esplanade Road opposite the Elphinstone College.

13. Storm-water drain in Wodehouse Road near the Young Men's Christian Association Buildings.

14. Storm-water drain in Lower Colaba Road and Thomas Street.

15. Storm-water drain at the east foot of Wodehouse Bridge.

16. Ovoiding side drains in Pathan 1st Street.

17. Constructing an arched masonry drain between the poor Parsi chals in Gilder Lane and the B. B. & C. I. Railway.

18. Improvement of roadside drains and water-courses in and about Dadar Road.

19. Machinery for the Parel, &c., Sectional Sewerage Districts.

20. Mazagon Sewerage Works (Sectional).

WORKS COMMENCED DURING THE YEAR.

21. Surface drainage works in Kamatipura District.

22. Providing 41 manholes on the old ovoid sewers in Kamatipura.

23. Works in 9″ pipe sewer in the new roads in the southern part of the Apollo Reclamation (portions of Merewether Road, Henry Road, Extension of Ormiston Road and the new 80-foot road next the sea).

24. Drainage works at the Sewage Farm of the Homeless-Leper Asylum at Matunga.

I.—COLABA SEWERAGE WORKS.

4. The suit filed by Messrs. Bulkley & Co. against the Municipality has not yet come to an end. The matter is still pending before the High Court Commissioner.

5. The expenditure under this head paid during the year amounted to Rs. 59-10-6 and the total expenditure including that amounts to Rs. 8,21,070-3-11 against the grant of Rs. 8,34,856.

II.—UMARKHADI SEWERAGE WORKS.

6. The remarks made under the head of Colaba Sewerage Works, in respect of the suit of Messrs. Bulkley & Co., also hold good in the case of the Umarkhadi Sewerage Works.

7. The expenditure during the year amounted to Rs. 251-11-7 which with the expenditure in the preceding years amounts to Rs. 3,49,961-1-6 against the grant of Rs. 3,86,993.

III.—MAZAGON SEWERAGE WORKS (GRAVITATION PORTION).

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & CO.

8. These works have not yet been completed, though the contract period of two years for completion expired on the 24th November 1897.

9. The contractors during the year proceeded with the works without interruption, but the progress was slow, their excuse for the delay being the difficult nature of the work (*i. e.*, deep excavation in hard laminated and fissured rock) and the disorganization of labour owing to the Plague.

10. The contractors having been called upon to state when they would be able to complete the whole of the works have replied that they will finish them by the end of July 1899.

11. Besides the pipe sewers in the portion of the Nagpada District draining into Bellasis Road, which were taken over from the contractors in 1897, the pipe sewers in Matharpakhadi Road, Nesbit Road, Shepherd Road and a portion of Parel Road draining into the Ripon Road Sewer have been finally inspected and taken over from the contractors.

12. The expenditure during the year amounted to Rs. 18,256-9-9 which added to the previous expenditure amounts to Rs. 2,74,128-6-10 as detailed below :—

	Rs.	a.	p.
Establishment	28,363	3	5
Contingencies	4,336	1	4
Road repairs	21,666	13	10
Work	2,19,912	4	3
Rs.	2,74,268	6	10
Less—Credit by sale of contract forms, &c. „	140	0	0
Total Rs.	2,74,128	6	10

IV.—HOUSE DRAINAGE CONNECTIONS (STREET PORTIONS) IN THE COLABA DISTRICT.

CONTRACTOR—MR. PALANJI EDALJI, PLUMBER.

13. The street portions of the connections which remained to be done in the district were completed by the end of May 1898. Plans showing the drainage required for the houses were furnished by the ordinary Drainage Department.

14. The connections made during the year were 33 and the bill of the contractor for these connections amounting to Rs. 1,746-9-10 in the gross was passed in November 1898.

15. The total number of connections made throughout the district by this Department is 275.

V.—FERGUSSON ROAD AND CHINCHPOKLI SEWERAGE WORKS (GRAVITATION PORTION).

CONTRACTOR—MR. SAYAJI NAGUJI.

16. These works were completed within the contract period which expired on the 25th March 1898 as stated in last year's report.

17. During the progress of the work it was found necessary to provide additional manholes so as to avoid the total closing of the portion of Worli Road between the Love Grove Pumping Station and Haines Road which is so extremely narrow that if the usual distance for manholes had been preserved the road would have been entirely closed against traffic. There was also an increase in the length of the sewer in order to join it with the main sewer on the south side of the shred lifter chamber.

18. This additional work caused extra expense entailing an excess upon the grant and a transfer of Rs. 2,000 from the savings in the grant for ovoiding side drains in Girgam Road was obtained to meet the excess. This transfer was sanctioned by the Standing Committee under their Resolution No. 3141, dated 6th July 1898, and by the Corporation under their Resolution No. 4058, dated 4th August 1898.

19. The final bill amounting to Rs. 59,896-0-4 in the gross, was assed during the year. The expenditure during the year amounted

to Rs. 4,168-13-6 and this together with the previous expenditure amounts to Rs. 89,910-12-7 as detailed below :—

	Rs.	a.	p.
Establishment	7,088	0	10
Contingencies	1,617	1	0
Road repairs	3,594	7	9
Work	59,974	4	6
18" Pipe sewer in DeLisle Road	17,756	14	6
Total ... Rs.	90,030	12	7
Less—Credit by sale of Contract forms and transfer of clerk ... ... „ „	120	0	0
Total ... Rs.	89,910	12	7

20. The total grant sanctioned for the works stands as below :—

	Rs.
Work estimated by the Special Drainage Engineer ...	81,617
9" pipe sewer in the eastern part of Fergusson Road as estimated by the Drainage Department	6,500
Add—Transfer sanctioned under Corporation Resolution No. 4058, dated 4th August 1898	2,000
Total ...Rs.	90,117

21. The final bill for the work in the 18" pipe sewer in DeLisle Road which was entrusted to Messrs. Sulemanji Mulla Abdulali & Co., and was completed by them in 1896, was passed during the year. It amounted in the gross to Rs. 17,675-10-4 against the contract amount of Rs. 18,513-0-0.

VI.—OLD RACE COURSE SEWERAGE WORKS (GRAVITATION PORTION).

CONTRACTORS—MESSRS. SULEMANJI ALI MUHAMAD & Co.

22. This work which was commenced on the 19th June 1897, was completed within the contract period of 8 months, *i.e.*, before the 20th February 1898.

23. Three stretches of pipe sewer included in the contract (in Souter Street, Sankli Street and Blaney Street), aggregating in length to 825 feet and estimated to cost Rs. 4,258-0-0 have not been completed on account of certain local causes mentioned in the last year's report. The final bill for the works including extra items amounted in the gross to Rs. 32,832-14-0 and was passed in June 1898.

24. The contract amount for the work was Rs. 35,846 and deducting Rs. 4,258 therefrom on account of the work left undone, the amount available for the actual work done was Rs. 31,588. The cost of the work as completed amounted to Rs. 30,054-11-9 excluding items of extra work of the value of Rs. 2,778-2-4. There was thus a saving of Rs. 1,533-4-3 and that together with Rs. 1,244-14-1 from the contingency provision for the Works met the cost of the extra items.

25. Though it was considered by the Commissioner very desirable that the houses in and about Ghelabhai Street should be connected to the sewer laid in that street, yet the sewer could not be used for the purpose as it was not connected with the Ripon Road Sewer because of a house through which the sewer was to pass not having been purchased by the Municipality.

26. As there was no probability of the house being purchased immediately, the only feasible alternative was to make a temporary connection of the new sewer with the Ripon Road Sewer through a firewood shed near the spot.

27. A notice under Section 222 of the Municipal Act was served on the owner of the shed and the temporary connection estimated to cost Rs. 575 was made. The work was done by the Contractors named above and the total actual cost including road repairs amounted to Rs. 572-15-4 which was sanctioned (under the Corporation's Resolution No. 11312, dated the 9th March 1899) to be defrayed from the grant for the Old Race Course Sewerage Works.

28. The notice was served on the owner of the shed on the 30th September 1898. The work was commenced on 3rd October and completed on 12th idem at a cost of Rs. 545-5-8.

29. The total grant for the works under the contract amounted to Rs. 43,270 made up of two items, *viz.*, Rs. 40,815 for the sewerage of the Old Race Course District and Rs. 5,455 for a 9" pipe sewer in Bapty Road. The latter work was completed during the year under report.

30. The expenditure during the year amounted to Rs. 1,556-14-2 and the total expenditure to Rs. 39,039-8-1 as detailed below :—

	Rs.	a.	p.
Establishment	3,668	10	8
Contingencies	376	12	0
Road repairs	1,625	14	0
Work	33,378	3	5
	Rs. 39,049	8	1
Less—Credit by sale of contract forms	„ 10	0	0
Total ...	Rs. 39,039	8	1

VII.—IMPROVEMENT OF ROADSIDE DRAINS AND PROVISION OF WATER GULLIES IN THE KHETWADI DISTRICT.

CONTRACTORS—MESSRS. VITHAL SAYANA & Co.

31. These works were completed within the contract period which expired on 21st February 1898 as stated in the last year's report.

32. The final bill for the work amounted to Rs. 43,478-3-9 in the gross including extra and excess items.

33. The extra items amounted to Rs. 4,649-4-3 and the contract items together with the excesses amounted to Rs. 38,828-15-6 against the contract amount of Rs. 43,313 thus showing a saving of Rs. 4,484. This together with Rs. 165-4-3 from the contingency provision for the works met the cost of the extra items.

34. The bill for a stormwater masonry drain 2'-6" × 2'-6" in Khetwadi 10th Lane, north of Khetwadi Back Road, was passed in June 1898. It amounted to Rs. 3,952-12-0 against the sanctioned amount of Rs. 4,353 shewing a saving of Rs. 400-4-0.

35. The total grant for the works in Khetwadi amounted to Rs. 54,486.

36. The expenditure during the year amounted to Rs. 7,117-5-4 and that together with the previous expenditure amounts to Rs. 52,657-2-8 as detailed below :—

	Rs.	a.	p.
Establishment...	2,469	3	7
Contingencies...	1,704	1	0
Road repairs	1,639	14	7
Work	43,478	3	7
Masonry drain in Khetwadi 10th Lane ...	3,952	11	11
Rs.	53,244	2	8
Less—Credit by sale of contract forms and old stone ladis ... ... „	587	0	0
Total ... Rs.	52,657	2	8

VIII.—MASONRY DRAIN FROM GIRGAON ROAD PASSING THROUGH NIGHTSOIL DEPÔT LANE AND MATHEW ROAD AND CROSSING THE B. B. & C. I. RAILWAY TO BACK BAY.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & Co.

37. The contract period for the completion of these works was six months and it expired on 30th April 1898.

38. The works specifically comprised in the contract were practically completed by that date and the new drain served its purpose of carrying off stormwater during the last rains.

39. In the estimate for these works as prepared by the Deputy Executive Engineer, Drainage, there was no provision for outfall works at the mouth of the drain such as in my opinion were indispensable especially as the mouth is in an exposed situation on the Chaupati foreshore.

40. These protective works consisting of a pair of tidal flaps and a stone-apron and side walls were carried out but were not completed until the end of March 1899.

41. The final bill amounting to Rs. 18,962 including the cost of the extra works and excesses was not passed at the end of the financial year.

42. The expenditure incurred and passed to the end of the financial year amounted to Rs. 14,963-9-4 as detailed below :—

	Rs.	a.	p.
Establishment	1,071	9	2
Contingencies	245	8	5
Road repairs	918	14	4
Work	12,747	9	5
	Rs. 14,983	9	4
Less—Credit by sale of contract forms	„ 20	0	0
Total...	Rs. 14,963	9	4

IX.—OPENING OUT THE WATER-COURSE TO THE WEST OF MESSRS. KAMA'S PROPERTY, PAREL ROAD, AND CONSTRUCTING A COVERED DRAIN THEREAT.

CONTRACTOR—MR. SAYAJI NAGUJI.

43. This work consisted of—

(*a*) opening out the watercourse ; and

(*b*) the construction of a covered drain.

44. The second part of the work was completed at a cost of Rs. 3,362-6-7 as stated in last year's report.

45. The first part has been deferred under advice of the Municipal Solicitors as Messrs. Kama object to the execution of the work.

46. Out of the grant there is a balance available for that portion of the work amounting to Rs. 4,266-9-5.

X.—CULVERT WITH A PENSTOCK IN THE EASTERN BANK OF THE MAHALAKSHMI STORM-WATER RESERVOIR.

CONTRACTOR—MR. SAVAJI NAGUJI.

47. This work was completed at a cost of Rs. 1,673-4-4 against the grant of Rs. 2,112, as stated in last year's report.

48. Some additional masonry work was subseqnently found necessary and it was done by the same contractor at a cost of Rs. 81-15-0. This cost was defrayed during the year from the sum of Rs. 438-11-8 which represented the savings in the grant.

XI.—STORM-WATER DRAIN FROM NEAR THE WELLINGTON FOUNTAIN *VIA* BAND CIRCLE TO THE SEA.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & CO.

49. The Contractors commenced the work on 1st May 1897 and undertook to complete it by 15th June 1897. They, however, did not finish the whole of the works until 1st May 1898.

50. A large portion of the ground through which the drain passes belongs to Government and it was only after long correspondence and great delay that permission was obtained from Government to the drain being laid in their ground.

51. Looking to the progress which the Contractors made at the commencement and to the short time in which they finished the construction of the portion of the drains, which runs through Municipal ground, there appears every reason to assume that the contractors would have completed the whole of their work within the contract time if they had not been hampered at that favourable period, but had been given permission from the very commencement to carry out the work in the Government land.

52. In the rains practically no drainage work could be done, and for even two or three months after the rains, the work could be advanced only very slowly owing to the comparatively high level of the subsoil water. During these months the Contractors lost the greater portion of every day in pumping out the water collected during the night.

53. Considering all these circumstances, it was impracticable for the Contractors to finish the work much earlier than they did.

54. Although the drain was not completed before the rains of 1897, yet the public derived benefit from it during those rains, as the Contractors were able to cut out the trench right down to the sea and it served the purposes of the drain in obviating the flooding of the roads.

55. The final bill for the work amounted to Rs. 30,071-5-2, including extras and excesses, and was passed during the year.

56. The total grant for the work was Rs. 37,355, and the total expenditure has been Rs. 36,702-3-2, as detailed below :—

	Rs.	a.	p.
Establishment	3,033	3	2
Contingencies	1,303	9	4
Road repairs	1,464	1	6
Work	30,946	5	2
Rs.	36,747	3	2
Less—Credit by sale of contract forms ... „	45	0	0
Total Rs.	36,702	3	2

XII.—STORM-WATER DRAIN WITH WATER GULLIES IN ESPLANADE ROAD, OPPOSITE THE ELPHINSTONE COLLEGE, AND

XIII.—STORM-WATER DRAIN IN WODEHOUSE ROAD, NEAR THE Y. M. C. A. BUILDINGS.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & CO.

57. The final bill for these works was passed during the year. It amounted to Rs. 9,756-2-11.

58. The total grant sanctioned was Rs. 11,527, and the total expenditure, including the final bill, amounted to Rs. 11,364-10-5, thus shewing a saving of Rs. 162-5-7.

59. These storm-water drains and water gullies were handed over to the charge of the Deputy Executive Engineer, Drainage, on 9th July 1897.

XIV.—STORM-WATER DRAIN IN LOWER COLABA ROAD AND THOMAS STREET.

CONTRACTOR—MR. SAYAJI NAGUJI.

60. The final bill for these works was passed during the year. It amounted to Rs. 9,581-15-11, including extras and excesses.

61. This storm-water drain was handed over to the charge of the Deputy Executive Engineer, Drainage, on the 10th February 1898.

62. The total expenditure, including the final bill, amounted to Rs. 10,466-0-1, as detailed below :—

	Rs.	a.	p.
Contingencies	163	13	4
Road repairs	720	7	11
Work	9,581	10	10
Total	Rs. 10,466	0	1

63. There has thus been a saving of Rs. 3,120-15-11.

64. The effect of this drain has been very marked, as in the roads through which it runs I observed but very little flooding during the last rains. There was still, however, some flooding in Lower Colaba Road from its junction with Thomas Street to a few hundred feet northwards, and to obviate that a branch storm-water drain was evidently required. I submitted a proposal for constructing one at a cost of Rs. 2,980, from the savings above alluded to, having framed my estimate at the rates of the contract for the Kamatipura Surface Drainage Works, which rates were very favourable and lower than those of any other contract of my Department at present under execution, while the Contractors (Messrs. Ali Muhamad Abdulali and Company) have shewn themselves expeditious and satisfactory in carrying out those and other works entrusted to them.

65. The Corporation sanctioned the carrying out of this work under their Resolution No. 257, dated 13th April 1899, from the savings as proposed, and Messrs Ali Muhamad Abdulali and Company were requested, on the 25th April 1899, to take the work in hand at once. It is very creditable to them that they nearly completed the drain by the end of May 1899, so that the advantage of it will be experienced during this year's rains.

XV.—STORM-WATER DRAIN AT THE EAST FOOT OF WODEHOUSE BRIDGE.

CONTRACTOR—MR. SAYAJI NAGUJL.

66. The final bill for this work, amounting to Rs. 1,123-11-6, was passed during the year.

67. The total cost amounted to Rs. 1,331-7-8 as against the grant of Rs. 1,639, thus shewing a net saving of Rs. 307-8-4.

XVI.—OVOIDING SIDE DRAINS IN PATHAN 1ST STREET.

CONTRACTORS—MESSRS. VITHAL SAYANNA & Co.

68. The final bill for this work, amounting to Rs. 4,402-14-7, was passed during the year.

69. The total expenditure amounted to Rs. 6,094-15-3, as detailed below :—

	Rs.	a.	p.
Establishment	1,483	4	9
Contingencies	16	10	4
Road repairs	192	1	7
Work	4,402	14	7
Total	Rs. 6,094	15	3

70. The grant sanctioned for the work was Rs. 6,201, and the total expenditure being Rs. 6,094-15-3 there has been a net saving of Rs. 106-0-9.

XVII.—CONSTRUCTING AN ARCHED MASONRY DRAIN BETWEEN THE POOR PARSI CHALS IN GILDER LANE AND THE B. B. & C. I. RAILWAY.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & Co.

71. This work was completed before the end of the last financial year as stated in last year's report, though no expenditure was certified and passed during that year.

72. The Contractors' bill for this work amounted to Rs. 3,581-5-3, and the total expenditure incurred and passed to Rs. 3,930-10-7 against the grant of Rs. 4,221.

73. There has thus been a net saving of Rs. 290-5-5.

XVIII.—IMPROVEMENT OF ROADSIDE DRAINS AND WATER-COURSES IN AND ABOUT DADAR ROAD.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & Co.

74. These works were commenced on 1st March 1898, and the contract period for completion, which was six months, expired on 31st August 1898.

75. The works were practically completed at the end of December 1898, though some slight defects then remaining were not remedied until the end of January 1899.

76. A portion of the work comprised in the contract was to be done within ground belonging to the B. B. & C.I. Railway, and on my enquiring of the Chief Engineer of that railway if there was any objection to the water-course in their ground being improved, he took exception to the work being done. A great deal of correspondence has ensued between the Agent and the Commissioner, and the matter has not yet come to a final settlement.

77. As I could not give permisson to the Contractors to execute the work within the railway premises they wrote to me on the 10th May 1898, stating that, as they were not allowed to proceed with the work in due time, they would no longer hold themselves responsible for carrying it out. It has been considered unfair to hold them responsible after the completion of the other portions of the work, and the contract between them and the Municipality has been considered as closed.

78. The final bill, which amounted to Rs. 20,125, including extras amounting to Rs. 4,594, though prepared was not passed during the year under report.

79. The total grant sanctioned for the works is Rs. 30,475, and the total expenditure certified and passed to the end of the year was Rs. 14,209-14-2, as detailed below :—

	Rs.	a.	p.
Establishment	1,231	9	6
Contingencies	394	8	7
Road repairs	491	9	7
Work	12,092	2	6
Total Rs.	14,209	14	2

XIX.—MACHINERY FOR THE PAREL, &c., SECTIONAL SEWERAGE DISTRICTS.

CONTRACTORS—MESSRS. HUGHES AND LANCASTER BY THEIR AGENTS AND ATTORNEYS MESSRS. RICHARDSON AND CRUDDAS.

80. The contract for the machinery and the work was signed on 1st April 1898, and an order to commence was given on the same day. The contract period for completion will expire on 31st March 1900.

81. The work of laying the air and sealed *sewage* mains was first commenced. The contract amount for this work is Rs. 2,77,480. A considerable portion has been completed, but the value of the work measured up and actually paid for to the end of the year amounted to only Rs. 1,47,477.

82. Messrs. Richardson and Cruddas informed me, on 20th April 1898, that four shipments of air mains and sealed sewage mains, aggregating in value to about Rs. 88,000, had arrived in the harbour, and requested that an advance might be made on those mains.

83. Under clause XXXV of the contract, the Commissioner sanctioned payment of advances from time to time to the extent of 50 per cent. on the value of the pipes actually delivered on the site. The total advances so made amounted to Rs. 84,639, of which Rs. 38,061-10-5 has been recovered from the Contractors' bills.

84. Under the power reserved to me by clause XXXIII of the contract I altered the alignment of the air main and the sealed sewage main originally proposed to be laid along Tank Bandar Road to Ejector Station No. 2, Mazgaon District. The main will be laid along the Extension of Victoria Road, the recent completion of which has rendered the shorter and more direct route possible. The alteration will effect a saving in the cost.

85. Under clause III of the contract Mr. S. Rebsch, A.M.Inst., C.E., has been appointed the Commissioner's Agent in England for inspecting the manufacture of the machinery and for giving the contractors instalment certificates from time to time as contemplated by clause XXIX.

86. This appointment was sanctioned by the Standing Committee under their Resolution No. 1439, dated the 11th May 1898, and the Committee at the same time fixed the amount of fee payable at 150 guineas.

87. Under clause X of the contract the contractors are required to deliver to the Commissioner's Agent two sets of detail and fully dimensioned plans of all the machinery and other work of every description to be supplied and executed under the contract, but in order to save time I arranged before the appointment of the Agent was made for the plans to be sent direct to me as they were subject to my approval even after delivery to the Agent.

88. The general drawings for Air Compressors and Condensers and for the eccentrics and slide valves for the low pressure cylinders were received from Messrs. Hughes and Lancaster through their Agents Messrs. Richardson & Cruddas, in the middle of June 1898, but the detail plans of the steam and air cylinders were not received.

89. After consultation with Mr. Hewett, Assistant Engineer, Mechanical Branch, and discussion with Mr. Horbury of Messrs. Richardson & Cruddas, I wrote to Messrs. Richardson & Cruddas, informing them that as regards the general arrangement plan I had no very serious objections to put forward, but that I thought it would have been better if instead of there being inside cranks for all cylinders, a starting platform had been adopted at the back of the cylinders keeping the valve chests of the two outer cylinders on the inside and using overhung disk cranks for the high and the low pressure.

90. Although the detail plans of the steam and air cylinders had not arrived, I considered as far as could be judged from the small scale plan received, that certain improvements were desirable, and I mentioned them in my letter No. S. D. 447, dated 17th June 1898, to Messrs. Richardson & Cruddas.

91. The services of Mr. J. Knowles were obtained to assist Mr. Hewett in carefully considering the design forwarded by Messrs. Hughes and Lancaster for the condensers and air pump and in designing modifications. Mr. Knowles was paid a fee of Rs. 50.

92. I addressed Messrs. Richardson & Cruddas stating that the design for the condensers and air pump forwarded by Messrs. Hughes and Lancaster was open to several objections as follows :—

(*a.*) The weight of the air pump trunk and bucket and the friction of rubbing surfaces in the large packing ring would be excessive.

(*b.*) The gun metal delivery valve plate serving also as a neck ring for the trunk would be a very expensive item of renewal.

(*c*) The bucket clearances both top and bottom were excessive and abnormal clearance would considerably decrease the efficiency of the pump.

(*d*) The packing rings as shown in the bucket were unnecessary, and many instances are known of their having been the cause of serious accidents by slipping out and wedging the bucket to the barrel.

(*e*) Exception was taken to the method in which the guard plate of the foot-valve was secured as on removal of the nut, the bolt might drop to the bottom of the pump. The valve grating as shown in the drawing appeared insufficiently secured to the main casting.

(*f*) The ratio between the capacity of the low pressure cylinder and condenser as represented in the drawing was excessive being as 1 to 2.

(*g*) The condenser was not sufficiently compact, and the provision of two injection water inlets was unusual and unnecessary as introducing a complication of valves and pipes detrimental to general efficiency.

(*h*) The extension of the crank shaft for driving the air pump was too small in diameter for safety.

93. In view of the above objections an alternative design was prepared and forwarded to Messrs. Richardson & Cruddas, though I stated it was not intended that the design need be strictly adhered to in every detail. In the general arrangement of parts and leading dimensions it was, however, to be generally adopted.

94. The principal points of difference between this design and that forwarded by Messrs. Hughes and Lancaster are as follow :—

(1) The air pump in the new design is made single acting. The diameter of the bucket has been slightly increased and the stroke reduced from 18 inches to 15 inches to bring the bucket speed as low as possible.

(2) The pump barrel is of cast iron (instead of gun metal) of sufficient thickness to stand reboring once. The bucket is solid and is also of cast iron.

(3) The pump rod is of mild steel sheathed with a solid drawn brass tube $\frac{1}{4}$ inch thick, which can be renewed when worn.

(4) The driving connections from the air pump lever are reversed. This while allowing of the same centres being kept between the main crank shaft of the engine and low pressure cylinder (or in other words between the centre of the connecting rod and verti-

cal condenser as shown in Messrs. Hughes and Lancaster's design) admits of the air pump being placed much closer to the condenser thus making the arrangement more compact.

(5) A bell mouth injection pipe is provided instead of one with a rose. The former is quite as efficient as a rose and it has the advantage of not being liable to choke.

(6) The air pump cross head, radius links and gindes which are inseparable from a single acting pump having little head room form the only extra parts in the present design as compared with that of Messrs. Hughes and Lancaster, and after eliminating the expensive gun metal barrel trunk and bucket and top pump cover of the latter the ultimate expense of construction should leave some balance in favour of the former.

95. Messrs. Richardson & Cruddas informed me on the 15th July that they had received that day a telegram from Messrs. Hughes and Lancaster as follows :—

"Have put engines in hand adopting Hewett's condenser and "other suggestions, subject being relieved vacuum guaran- "tee telegraph confirmation."

96. Having interviewed the Commissioner on the same day, I wrote to Messrs. Richardson & Cruddas, stating that provided the condenser and air pump were properly made according to the design forwarded to them, they would be relieved from the vacuum guarantee stipulated for in the latter part of para. 2 on page 53 of the Specification.

97. Having waited some time for the plans for buildings to receive the machinery, I requested Messrs. Richardson & Cruddas on the 17th June 1898 to furnish them as early as possible. They were received from Messrs. Richardson and Cruddas on 2nd July and after consulting Mr. Hewett, I wrote to Messrs. Richardson & Cruddas on the 8th July 1898, informing them what amendments I considered necessary, and stating that if Messrs. Hughes & Lancaster had no objection to raise against the amended plans, they might be requested to forward as soon as possible full detail plans of the foundations for the engines and boilers to enable me to proceed with the work.

98. As the plans were not received, I sent a reminder on the 18th of January 1899 to Messrs. Richardson and Cruddas, requesting them to furnish the plans by as early a date as possible. The plans were at last received on 16th February 1899.

99. It having been decided that the Air Compressor Station for the various Sectional Districts should be constructed immediately to the north of the Love Grove Pumping Station I opened up negotiations with the owners of the ground with a view to obtaining it by private settlement.

100. Three plots in all are required and they are as follows:—

Owners.	Plot No.	Sq. yds.
Mr. Harkisondas Narottamdas	3362	1,223
„ Bhagwant Bhaskar	3361	5,210
„ Janardan Purushotam and Bai Radhabai...	3360	3,088
	Total ...	9,521

101. I offered Re. 1 per square yard for the part required of plot No. 3362, annas 12 per square yard for plot No. 3361 and annas 10 per square yard for plot No. 3360.

102. The owner of plot No. 3362 demanded Rs. 2-8-0 per square yard, but after consultation with the Executive Engineer and by the Commissioner's verbal direction, I made a firm and final offer of Rs. 1-4-0 per square yard, and it was accepted. The Corporation accordingly sanctioned the purchase of this plot under their Resolution No. 10117, dated 9th February 1899, and the ground was taken over by this Department from Mr. Harkisondas on 11th March 1899.

103. As regards the other two plots the owners demanded Rs. 2 per square yard, but having after consultation with the Executive Engineer been confirmed in my opinion that the rates I had offered were full and sufficient, I declined to increase the rates and the owners declined to accept them.

104. The sanction of the Standing Committee was therefore applied for to the two plots being acquired under the Land Acquisition Act, and it was accorded under their Resolution No. 8114, dated 28th December 1898.

105. Government Resolution (Revenue Department) No. 2050, dated 18th March 1899, having been passed, authorizing the Collector of Land Revenue to acquire the two plots, he held an enquiry into the matter on the 24th April 1899, and the rates he intimated he thought would be fair were Re. 1 per square yard for Mr. Bhagwant Bhasker's plot and Re. 0-14-0 per square yard for that of Mr. Janardan Purushotam and Bai Radhabai, including the 15 per cent. for compulsory acquisition. A second meeting was fixed for 8th May, but it was not held as the parties had in the meantime accepted the Collector's rates. No award has, however, yet been given by the Collector.

106. Two second-hand boilers 30 ft. × 7 ft. have been purchased from the Jivraj Balu Mills at a cost of Rs. 1,200, each to be used as air receivers. Both were delivered at the Mill premises and were conveyed to Love Grove by the Assistant Engineer, Mechanical Branch, at a cost of Rs. 240-2-9.

107. Three shipments of machinery have arrived and have been landed by Messrs. Richardson and Cruddas. The shipments consist of ejectors and accessories, fuel economiser, 23 inlet ventilating shafts, 3 Babcock and Wilcox boilers, Worthington pumps, ventilating air-outlet ornamental shafts, automatic ejector flush siphons, &c., together with their fittings. This machinery has been conveyed to Love Grove and stacked there by Messrs. Richardson and Cruddas.

108. The total expenditure incurred upon these works and certified to the end of the financial year amounted to Rs. 3,68,649-1-5 as detailed below :—

	Rs.	a.	p.
Establishment	44,357	8	4
Contingencies	1,418	12	9
Road repairs	10,096	8	7
Machinery	3,12,776	4	3
Total ...	Rs. 3,68,649	1	5

XX.—MAZAGAON SECTIONAL SEWERAGE WORKS.

Contractor—Mr. Sayaji Naguji.

109. Tenders for these works were invited on 1st October 1898 and were made returnable on the 20th October 1898.

110. Three tenders were received as follows :—

(1) Mr. Sayaji Naguji ... ... Rs. 1,67,219
(2) Messrs. Sulemanji Mulla Abdulali & Co. ... „ 1,90,867
(3) „ Ali Mahamad Abdulali & Co. ... ... „ 2,08,787

111. The lowest tender that of Mr. Sayaji Naguji for Rs. 1,67,219 was accepted under the Standing Committee's Resolution No. 6836, dated the 9th November 1898. This tender was lower than the office estimate by Rs. 752.

112. The contract was executed on the 5th of December 1898 and an order to commence the work was given on the same day.

113. The contract time for completion is 18 months and from the progress the contractor has already made the works will doubtless be completed within that period.

114. The contract includes the pipe-sewers, manholes, flush tanks and vent shafts in a portion of the Port Trust Estate comprised in the Mazagaon Sectional District.

115. Before the contract forms were printed, I enquired of the Port Trust Engineer if the Trustees were willing to have the sewerage work in their property or in any part thereof included in the contract prepared for the Municipal Works. The Engineer having furnished a plan of the Trustees' Estate where pipe-sewers were required, I furnished him with an estimate amounting to Rs. 44,991, exclusive of the percentage for supervision.

116. The matter having been placed before the Port Trustees they considered it would be convenient if the work on their ground were carried out by the Municipality at the same time as the Municipal Work was being done and they agreed to pay the actual cost plus 7½ per cent. for supervision, that is, the same percentage as they have paid for similar work carried out for them by this Department on the Apollo Reclamation.

117. The contract amount of Rs. 1,67,970, is made up as follows :—

		Rs.
(*a*).	Pipe sewers in Municipal Roads Mazgaon ...	1,28,601
(*b*).	18" pipe sewer in Frere Road	4,078
(*c*).	Pipe sewers in Port Trust Roads	35,291
	Total Rs.	1,67,970

118. Item (*a*) is payable from the grant for the Mazgaon Sectional Sewerage Works, item (*b*) from the grant for machinery for Sectional Sewerage Districts and item (*c*) is recoverable from the Port Trustees.

119. The total expenditure certified and passed to the end of the year amounted to Rs. 24,196-15-2 as per details below :—

	Rs.	a.	p.
Establishment	9,425	0	0
Contingencies	557	9	7
Road repairs	1,209	14	3
Work	13,039	6	9
Rs.	24,231	15	2
Credit by sale of contract forms	35	0	0
Total Rs.	24,196	15	2

XXI.—SURFACE DRAINAGE WORKS IN THE KAMATIPURA DISTRICT.

CONTRACTORS—MESSRS. ALI MAHAMAD ABDULALI & Co.

120. The Corporation sanctioned the execution of these works under their Resolution No. 1198, dated 5th May 1898, at a cost of Rs. 91,805.

121. Tenders for the work were invited on 29th July 1898, and made returnable on 17th August 1898. Six tenders were received as follows :—

(1)	Messrs Ali Mahamad Abdulali & Co. ...	Rs.	51,898
(2)	Mr. Savaji Naguji	„	56,071
(3)	Messrs Bhedwar & Co :	„	63,910
(4)	„ Teja Kaya & Co :	„	63,922
(5)	„ Littlewood Palanji & Co. ...	„	66,599
(6)	„ Ali Mahamad Kasum & Co. ...	„	62,758

122. The last named tenderers No. (6) did not enter a rate for cement plastering, and no consideration was given to their tender inasmuch as the amount thereof excluding the item of cement plastering was much higher than that of the lowest tender.

123. The lowest tender (that of Messrs Ali Mahamad Abdulali & Co.) which amounted to Rs. 51,898 or Rs. 21,932, less than the office estimate was accepted under the Standing Committee's Resolution No. 5001, dated the 31st August 1898.

124. The contract was executed on 16th September 1898, and an order to commence the work was given on 21st September 1898.

125. The contract period for completion is 9 calendar months from the date of order which expires on 21st June 1899.

126. The progress is very satisfactory and it is expected that the works will be completed within the contract period.

127. The gullies of houses in and about Jairajbhai Pirbhai Lane were often flooded with sullage causing a serious nuisance, there being no sewer there with which to connect the sullage. It was therefore proposed to lay a 9″ pipe sewer with manholes in Jairajbhai Pirbhai Lane, estimated to cost Rs. 2,624 and the Corporation under their Resolution No. 11307, dated the 9th March 1899, sanctioned the execution of the work from the savings in the grant for the Kamatipura Surface Drainage Works.

128. The work was entrusted to the contractors for the Kamatipura Surface Drainage Works and they completed it by the end of March 1899. The bill amounted to Rs. 1,667-5-8.

129. The expenditure on the whole works incurred and passed during the year amounted to Rs. 50,741-4-11 as detailed below :—

	Rs.	a.	p.
Establishment	2,257	1	10
Contingencies	807	10	4
Road repairs	4,077	2	9
Surface Drainage Works	41,972	0	4
9" pipe sewer	1,667	5	8
	50,781	4	11
Less—Credit by sale of Contract Forms...	40	0	0
Total...Rs.	50,741	4	11

XXII.—PROVIDING 41 MANHOLES ON THE OLD OVOID SEWERS IN KAMATIPURA.

130. This was one of the new works (item No. 12) provided for from current revenue in the Budget for 1898-99.

131. As this Department was carrying out the storm-water drainage works in the Kamatipura District, it was considered advisable that the construction of the manholes should be carried out simultaneously by this Department.

132. Accordingly this was entrusted to the contractors for the Kamatipura works and was completed by them.

133. The cost incurred amounted to Rs. 2,543-7-7 against the grant of Rs. 3,087. The net saving in the grant therefore amounts to Rs. 543-8-5.

XXIII.—WORK IN 9" PIPE SEWERS IN THE NEW ROADS IN THE SOUTHERN PARTS OF THE APOLLO RECLAMATION (PORTION OF MEREWETHER ROAD, HENRY ROAD EXTENSION, ORMISTON ROAD EXTENSION AND THE NEW 80-FOOT ROAD NEXT THE SEA).

CONTRACTORS.—MESSRS. SULEMANJI MULLA ABDULALI & Co.

134. As this Department had previously laid sewers on the Apollo Reclamation for the Port Trustees, they were desirous that the further work they had sanctioned should also be done by my Department.

135. The Engineer, Port Trust, was furnished with the estimates and the amount of Rs. 4,858 was deposited by the Trustees as follows :—

Rs. 1,255 paid on 4th June 1898 for laying 9″ pipe sewer in a portion of Merewether Road.
Rs. 637 paid on 25th July 1898 for laying 9″ pipe sewer in a portion of Henry Road.
Rs. 2,966 paid on 25th July 1898 for laying 9″ pipe sewer in a portion of Merewether Road.

Rs. 4,858.

136. The Engineer, Port Trust, requested that the work might be taken in hand immediately as the Trustees were desirous of constructing portions of the roads at once.

137. The only contractors for pipe sewers then working in the Department were Messrs. Sulemanji Mulla Abdulali & Co., the contractors for the Mazgaon Sewerage works (gravitation portion) and owing to the urgency of the work it was impossible to invite tenders or offers. There was therefore no satisfactory alternative but to entrust the work to them in extension of their contract for the Mazagon Works under Clause XXVIII of that contract, and this was sanctioned by the Standing Committee under their Resolution No. 4320, dated 11th August 1898.

138. An order was accordingly given to the Contractors on 22nd August 1898.

139. It was agreed between the Port Trust and the Municipality that the actual cost plus 7½ per cent. for supervision should be charged.

140. The Contractor's final bill for the work amounted to Rs. 3,746-15-10, and the total cost including road repairs to Rs. 4,215-7-5. Adding to this 7½ per cent. for supervision, the cost chargeable to the Port Trust amounts to Rs. 4,531-10-7 against the amount of Rs. 4,858 deposited by them. The balance (Rs. 326-5-5) will have to be refunded and an application for the same has been received from the Port Trust Engineer.

141. The Port Trust having more recently sanctioned the laying of 9″ pipe sewers in the extension of Ormiston Road and the new 80-foot road next the sea, the Port Trust Engineer requested me to take this work in hand as soon as possible.

142. The estimated amount (Rs. 3,493) was deposited by the Trustees on 13th February 1899.

143. The work was entrusted to the same Contractors (Messrs. Sulemanji Mulla Abdulali & Co.) as per Commissioner's sanction under his No. 30167, dated 11th March 1899.

144. The order for the work was given after the termination of the financial year, and any remarks thereon will be a matter for the next Administration Report.

XXIV.—SCHEME FOR SUBSOIL AND SURFACE DRAINAGE.

145. The Committee appointed by the Corporation under their Resolution No. 6571, dated the 11th October 1897, as mentioned in my last report held their first meeting on 20th October 1897, when on the suggestion of the Chairman the Honourable Mr. W. C. Hughes, it was determined that in order to facilitate a decision on the subject, the sanction of Government should be obtained to enable Mr. Playford Reynolds M. Inst. C.E., Superintending Engineer, Northern Division, to go thoroughly into the question with me and advise the Committee.

146. Accordingly the sanction of Government was obtained, and Mr. Reynolds after consultation with me submitted on the 28th February 1898, his report dated 16th February 1898, to the Chairman. The Chairman in forwarding it for circulation to the Committee, suggested that as Mr. Hargrave, who had gone into the question, had returned to Bombay, and as he (Mr. Hughes) was proceeding to England, Mr. Hargrave should be requested to take the place of Chairman on the Committee.

147. Mr. Reynolds's report was submitted to Mr. Hargrave, and he addressed to the Committee a note thereon.

148. I again addressed the Committee through the Commissioner on 24th March 1898, and inasmuch as the Committee considered the evidence so far placed before them as regards the soil of Bombay being water-logged, inconclusive or insufficient, I laid before them the principal points of evidence in that respect.

149. I forwarded a further report to the Commissioner, criticising and explaining the several points raised in Mr. Reynolds's report of the 16th February 1898, and in Mr. Bruce's notes on the subject. This was forwarded to the Committee by the Commissioner under his No. 32912, dated 28th March 1898.

150. As these documents exhibited a divergence of opinion between Mr. Reynolds and myself,the Committee at their meeting held on the 28th March 1898, suggested that Mr. Reynolds and I should meet again in consultation and endeavour as far as possible to reconcile our views.

151. Accordingly Mr. Reynolds had several consultations with me in my office, and I submitted a further report to the Commissioner (No. S. D. 380) dated 6th June 1898 together with the notes of our consultations dated 11th May, which had been printed for the information of the Committee.

152. It can be seen by comparing those notes with Mr. Reynolds's report dated 16th February 1898, and his forwarding letter and summary dated 28th idem, that the explanations which I was able to give during the consultations considerably diminished the divergence of view which previously existed.

153. The following Resolution was passed by the Committee at their meeting held on 7th July 1898, "That Mr. Nowroji N. Wadia, C.I.E., be requested to prepare a draft report on the lines of the remarks made by him before the Committee."

> "That the Special Drainage Engineer be requested to report as to the desirability of proceeding with the construction of storm-water drains and the effect these would have on the levels of the subsoil water."

154. I submitted to the Commissioner my report (No. S. D. 825, dated 2nd September 1898), called for by the above Resolution. The report comprised plans for draining to the harbour, the surface waters of the high lands on the west of the Island from Paedhoni on the south to Bhoiwada Cross Road on the north estimated to cost Rs. 22,50,249.

155. After going through all the evidence, the Committee made a report, dated 26th November 1898, and recommended the following as likely to best serve the interests of the city :—

(1). That the high level storm-water drain as proposed by Mr. Smith in Tardeo Road estimated at a cost of Rs. 1,77,607 be sanctioned.

(2). That the deepening of the outlet channel at Love Grove be taken in hand without delay and completed, if possible, by the next monsoon.

(3). That the silting going on in the storm-water reservoir since 1886, noted in para. 104 of Mr. Smith's report No. S. D. 1160 be removed, for which purpose the Commissioner be asked to obtain an estimate from the Special Drainage Engineer and the work sanctioned if funds permit.

(4). That trial be made of pumping and carrying direct to the sea the local subsoil water at one or more of the existing tanks with the aid of the pulsometer in the very crowded and low-lying localities (an experiment which would not be expensive as the necessary plant for removing continuously large volumes of water with a large size of pulsometer would not cost much more than £500, while the apparatus being self-acting, removes water without wear or tear, and requires little or no looking after, having no moving parts).

(5). That when funds permit the work of high-level drains mentioned in Mr. Smith's report No. 825 of the 2nd September 1898 (Appendix H) be undertaken, particularly drain A with its branch B.

156. This report of the Committee was considered by the Corporation at their meeting held on 16th January 1899, and the following Resolution was passed :—

"*No. 9183.* That the report of the Committee of the Corporation appointed to consider the scheme formulated by Mr. James W. Smith, Special Drainage Engineer, for facilitating the escape of flood water, both surface and subsoil, and its accompaniments be referred again to a Committee composed of—

(1) The President.
(2) The Honourable Mr. C. T. Burke.
(3) Sir George Cotton, Kt.
(4) Mr. Ismail Jan Mahomad.
(5) „ J. Wilcocks.
(6) „ A. G. Viegas.
(7) „ Nanabhai N. Katrak and
(8) Dr. E. F. Underwood.

With a request that they will favour the Corporation with their opinion on the various matters treated of therein."

157. This Committee having carefully considered the previous Committee's report, and the whole subject in question recorded their opinions and conclusions, of which the following is a summary :—

"Without expressing any opinion on the much debated question as to how far the subsoil water has risen in recent years, this Committee are of opinion that this water is undoubtedly too high for safety in many parts, especially in the low-lying parts of the city.

"Mr. Smith's proposals aim at draining all the districts mentioned in para. 23 of the previous Committee's report, *viz.*, Bhuleshwar, Kharatalao, Kumbharwada, Kamatipura, portions of Tardeo and of Khetwadi, New Nagpada and 1st Nagpada. All these more or less contribute their surface waters to the flats, and the deep-water channel No. 1 would facilitate the removal of those surface waters, while at the same time it would by reason of its depth attract the subsoil water from those districts.

"If it were found that the extension of the channel in the form of the agricultural or dry rubble drain were insufficient to materially affect the subsoil waters in those parts of the districts from which the flow is towards the Flats (*e. g.*, Kamatipura) the agricultural drain should, in that case, be extended into them. The open channel and the agricultural drain would afford a proper point of departure for extensions of the agricultural drain in any direction.

"These low-level drains have the effect of bringing the "low-water level of the sea" as far inland, as is possible having regard to cost; were money no consideration, it would of course be well if those low-level drains were extended into many parts of the city. What is proposed will, it is hoped, cure an evil which ought to have been remedied before the deposits of kachra on the flats were commenced.

"After very full consideration and discussion, the Committee have decided to recommend the construction of the agricultural and low-level drains as proposed by Mr. Smith, and that they should be undertaken at once and completed as soon as possible. These are not meant as a

substitute in any sense for the high-level drains, nor is it intended for a moment to argue that the high-lying area should not be separately provided for; what the Committee now contend is that the low-level drains are the more important of the proposals put forward by the Special Drainage Engineer, and it is impossible to carry out the whole at once, both on practical grounds and for financial reasons; were it possible, the Committee would prefer that the whole were undertaken at once and the scheme now before them, partial as it is, will not be complete until all the proposals are carried to completion, but viewing it simply in the light of expediency, the Committee prefer that the low-level drains should be the first to be undertaken in order of precedence, and they beg to point out that this recommendation includes, besides the agricultural drain and low-level Channel No. 1, the construction of the new sluices near Worli and the deepening of the seaward channel at Love Grove; in fact all the works estimated for by the Engineer at Rs. 11,83,726.

"The Committee accept the opinion of the original Committee as to the desirability of constructing the proposed storm-water drain in Mahalakshmi Road, (Tardeo Road, North), estimated to cost Rs. 1,77,607 and recommend that it be sanctioned and also undertaken at once.

"The Committee also accept the 3rd recommendation made by the original Committee, *viz.*, that the silt deposit be removed at once from the storm-water reservoir.

"As regards experimental pumping, as included in the 4th proposal of the original Committee, there can be no objection to such a trial being made, but the Committee are of opinion that pumping as a system for reducing the level of the subsoil waters in the city cannot, on financial or any grounds, be advocated, and the Committee could not support any proposal of this kind.

"The Committee think it very important that the proposed channel from Dharavi to Worli should be undertaken as soon as possible.

"And finally the Committee fully agree with the recommendation of the previous Committee as regards the construction of high-level drains, and propose that the sum of Rs. 2

lakhs, or such sum as the Corporation may think fit, be set aside annually for the carrying out of the high-level drains estimated by the Special Drainage Engineer to cost Rs. 22,50,249."

158. The report of the Committee was signed by all the eight members except two, Dr. N. N. Katrak and Dr. Ismail Jan Mahomad, each of whom submitted a minute of dissent.

159. The report was submitted on the 25th February 1899, and it was considered by the Corporation at their meeting held on the 13th of March 1899. This meeting was adjourned to 20th March 1899, when the following Resolution was passed :—

"*No. 11938* (1) That the report of the Committee appointed by the Corporation to consider the report dated 26th November 1898, of a previous Committee on the scheme for facilitating the escape of flood-waters, both surface and subsoil in parts of Bombay, be *recorded.*

(2) That the high-level water drain, as proposed by Mr. Smith at an estimated cost of Rs. 1,77,607, be sanctioned.

(3) That the deepening of the outlet channel at Love Grove be proceeded with and completed as early as possible.

(4) That the silting in the storm-water reservoir be removed as early as possible.

(5) That the Commissioner be requested to submit through the Standing Committee proposals for providing the necessary funds for the above-mentioned works.

(6) And that with a view to obtaining reliable, accurate and scientific data on the whole question of subsoil water, the Municipal Commissioner be requested to put himself in communication with Mr. Arthur John Hughes, C.I.E., M. INST. C.E., of Calcutta, and ascertain whether his services would be available for the purpose, and if so, the remuneration he would expect for his professional services."

160. The Commissioner having put himself in communication with Mr. A. J. Hughes, received a reply from him, dated 1st April 1899, proposing terms for his services which he said would be available on 1st November 1899. The terms were as follows :—

"My fee would depend on the length of time occupied in the work, and it would not exceed Rs. 15,000, supposing that I could complete the work in five months. For a shorter term than five months the fee would be :—

	Rs.
For one month	5,000
,, two months	8,000
,, three months	10,500
,, four months	13,000
,, five months	15,000 "

This letter was considered at a meeting of the Corporation held on the 17th April 1899, when the following Resolution was passed :—

"*No. 342.* That the memorandum from the Commissioner, No. 172, dated the 4th April 1899, be recorded.

"That with a view to obtain reliable opinion on the whole question of subsoil drainage the Municipal Commissioner be requested to put himself in communication with Mr. Santo Crimp of the London County Council and ascertain whether his services would be available for that purpose, and if so, the remuneration he would expect for his professional services."

161. The Corporation at their meeting held on 11th May 1899 considered a telegram received from Mr. Santo Crimp by the Commissioner and passed the following Resolution :—

"*No. 1203.* That the letter from the Commissioner, No. 2746, dated the 8th May 1899, be recorded."

That the Commissioner be authorised to engage the services of Mr. W. Santo Crimp on the terms mentioned in Mr. Santo Crimp's telegram for the purpose mentioned in the Corporation's Resolution No. 342, dated the 17th April 1899.

That the Corporation will be prepared to sanction the necessary recommendation of the Standing Committee to meet the cost of engaging Mr. Crimp's services.

That the Commissioner be requested to put the Executive Engineer and the Special Drainage Engineer in communication with Mr. Santo Crimp.

That a Committee composed of the following gentlemen be appointed to help in seeing that all necessary materials are placed before him :—

The President.
Mr. N. N. Katrak.
„ Ismail Jan Mahomad.
„ Dinsha E. Wacha.
The Hon'ble Mr. Bhalchandra K. Bhatawadeker.
Mr. R. M. Sayani.
„ J. Wilcocks.
„ A. G. Viegas.
„ C. T. Burke.
The Hon'ble Mr. Pherozeshah M. Mehta, C.I.E.

XXV.—SUPPLY OF STONEWARE PIPES AND FITTINGS, IRON ARTICLES AND CEMENT.

162. The 9″ stoneware channels (half round) 1,682 feet run and (60) stoneware junctions 9″ × 9″ required for the sewage farm at the Matunga Leper Asylum were obtained from Messrs. Garlick & Co. at Rs. 0-8-6 per foot and Rs. 3-4-0 each, respectively.

163. Quotations for these were called for from Messrs. Richardson & Cruddas also, but they replied that they had none of the articles in stock and therefore they did not quote.

164. The bill certified and passed for the channels and junctions amounted to Rs. 1,088-9-0. All have been used in the work during the year except (70) channels and one junction of the aggregate value of Rs. 77-10-0 which are kept at the Asylum for future repairs and renewals.

165. Two hundred C.-I. gratings for water gullies required for the Surface Drainage Works of Kamatipura were obtained from the casting contractors, Messrs. Sorabji Shapurji & Co., at their contract rate of Rs. 6-8-0 per cwt. *minus* a discount of 2½ per cent.

166. The weight of the gratings was 198 cwt. 3 qrs. 21 lbs., and the value at the contract rate amounted to Rs. 1,293-1-6 *minus* the discount which amounted to Rs. 32-5-3 (62) C.-I. manhole frames and covers required for minor works were also obtained from time to time from the casting contractors. The total weight was 361 cwts. 2 qrs. 1 lb., and the value Rs. 1,988-4-7.

Cement.

167. The cement required for the works carried on by this Department was obtained from the Deputy Executive Engineer, Drainage, as in previous years. Intimation was given him from time to time regarding the probable requirements of this Department with a view to his keeping a sufficient stock in hand to meet those requirements.

XXVI.—COLABA AIR COMPRESSOR STATION.

168. The machinery at the compressor station and the several ejectors have worked satisfactorily during the year, and there have been no stoppages or breakdowns of more than very temporary duration.

169. There has been a considerable increase in the volume of sewage lifted during the year, the approximate gross quantity from 1st March 1898 to 28th February 1899, being slightly over 325 million gallons against 220 million gallons for the same period during 1897-98.

170. I describe the above as approximate gross quantities becau the sewage received at Ejector Station No. 5 is raised three times an that received at Ejector Station No. 4 is raised twice.

171. The total cost of working the station compares well with the cost in the previous year, and reductions may be expected by reason of the more economical working of the engines consequent on the development of greater power, as the volume of sewage lifted increases with additional house drainage connections.

172. 700 tons of Singareni coal, 150 tons of Borrea Anthracite coal and 50 tons of Cardiff coal were purchased during the year. The average rate paid for the Singareni coal was Rs. 16-5-1·7, for the Borrea coal Rs. 15-2-8 and for the Cardiff coal Rs. 22-4-0 per ton.

173. A Worthington Donkey pump, size $5\frac{1}{4}'' \times 3\frac{1}{2}'' \times 5''$ was purchased from Messrs. Garlick & Co., at a cost of Rs. 410 for pumping out the ejector stations in the event of the failure of the small hand ejectors ordinarily used for that purpose. It was mounted on a trolly by the Municipal Workshops at a cost of Rs. 132-8-2.

174. The motive power for working the pump is obtained from the compressed air for working the ejectors, and a connection on the air main at each station has been provided, whereby the pump can be attached and set to work at any time.

175. The Corporation under their Resolution No. 4411 of August 3rd, 1896, sanctioned a grant of Rs. 1,063-8-10 from surplus cash balance for the provision of a fire service at the compressor station.

176. It was originally intended to lay a 3-inch cast-iron main for the purpose from Colaba Causeway, but as the Port Trustees were about to lay fire service mains in their new roads in the vicinity, it was eventually agreed that the Trustees should lay a 6-inch main in place of the 4-inch main contemplated, and that the Municipality should have the right of making a 3-inch connection to the former opposite the entrance to the station compound. For this the Trustees were paid a sum of Rs. 445-8-10.

177. The charges incurred by the Water Works Department for making a 3-inch connection to the Port Trust main and providing

and fixing two new pattern hydrants in the station compound amounted to Rs. 331-10-11 and the Workshop charges for providing a stand pipe, branch pipe, 2-50 ft. lengths of hose with couplings and 4 fire buckets amounted to Rs. 270-11-1. The total amount expended from the grant was thus Rs. 1,047-14-10.

178. An additional 3-inch stop valve has been placed on the air main to Ejector Stations Nos. 4 and 5 just beyond the junction to No. 3 Station to allow of the long lead to the former being shut off for examination or repair without interfering with the working of the latter station.

179. The masonry chamber for this valve was constructed by the Drainage Department at a cost of Rs. 86-7-11.

180. The grant for stores and contingencies being insufficient had to be supplemented by a transfer of Rs. 750 from the grant for coals under section 3 D Maintenance of Pumping Station, Colaba.

181. The following statement shows the grants under the several budget heads for the maintenance of the station and the actual expenditure incurred under each head :—

Sections.	Particulars.	Rs.	a.	p.	Budget grants, including transfers and renewed grants. Rs.	a.	p.	Expenditure. Rs.	a.	p.
1	Establishment	...	...	...	6,876	0	0	6,532	10	4
2	Extra labour	...	...	...	920	0	0	208	11	0
3	Coal	18,260	0	0						
	Less—Transfer	750	0	0						
					17,510	0	0	14,876	5	7
4	Repairs to machinery of the station and ejectors	...	...	...	1,000	0	0	990	1	6
5	Stores and contingencies ...	2,400	0	0						
	Add—Transfer	750	0	0						
	Do.—Renewed grant ...	210	6	0						
					3,360	6	0	3,228	13	10
6	Repairs to buildings	...	...	...	200	0	0	194	5	11
7	Telephone connection	262	8	0						
	Add—Renewed grant ...	87	8	0						
					350	0	0	350	0	0
8	Rent payable to Telephone Company for tell-tale ...	...	...	...	475	0	0	475	0	0
9	Water-supply	...	...	...	1,000	0	0	808	6	0
10	Halalkhor tax in respect of the residencies at the Air-compressor Station	...	...		172	0	0	165	4	10
		Total	Rs.		31,863	6	0	27,829	11	0

I have the honour to be,
SIR,
Your most obedient Servant,
JAMES W. SMITH, M. INST. C. E.,
Special Drainage Engineer.

K.—FIRE BRIGADE.

1. The establishment has been upheld in a state of efficiency during the year, and all appliances are in good condition and thorough working order.

2. No case of loss of life by fire, where the Brigade was concerned, has occurred during the year.

3. Several members of the Brigade have received injuries in the execution of their duties at fires, none of which however were of a serious nature, except Fireman Abdul Karrim Mahomed Jaffer, who received an injury to his left ankle at a fire, which occurred at Colaba on the 13th November 1897, caused by the wheel of a Fire-escape passing over it whilst he was engaged in getting an hydrant to work. He was placed on the sick list by the Fire Brigade Surgeon, and remained on the list until the 31st of August 1898, when he was invalided from service, and recommended to the Corporation for pension, which was allowed at the rate of Rs. 4 per mensem from the 1st of September 1898.

4. The water-supply at fires has been satisfactory in all cases, and the attendance of the Water Works staff has been prompt and of great assistance to the Brigade.

5. The inspection of hydrants throughout the City has been carried out by the Brigade in a systematic manner during the year.

6. The fire service at the Municipal Offices has been maintained in good working order, and the employés have periodically been drilled in the use of the appliances, and the whole of the fire-hose which was deteriorating after over nine years' service, has been replaced by new.

7. The fire appliances at the several Municipal markets have also been periodically inspected and cleaned.

8. The duties at the several Hospitals and Camps (where fire appliances are located) and flushing operations have been carried out daily during the year in a satisfactory manner, and the whole staff of the Brigade (except the Chief Officer) have been in receipt of an extra allowance of one-fifth of their monthly pay.

9. The new quarters for Foreman and Engineer at Gowalia Tank Station were completed and occupied on the 1st of September.

10. One horse was purchased during the year in place of one destroyed, having accidentally broken one of its hind legs. An animal which was purchased on the 16th of March 1897, for use of the Plague Committee, under Commissioner's No. 26459 of the 9th of March 1897, has been added to the department, which now has its full equipment of sixteen horses.

11. An order for 3,000 feet of delivery hose for fire purposes and 10,500 feet for flushing purposes was satisfactorily executed by Messrs. J. Fleming & Co.

12. Provision has been made in the ensuing year's Budget for a supply of 6,420 feet of delivery hose for fire purposes to replace other condemned and sold by public auction in the year 1897-98.

13. The present strength and equipment of the Brigade is as follows :—

Strength.

1 Chief Officer.	12 First Class Tindals.
1 Clerk.	6 Second ,, ,,
1 Head Foreman.	108 Firemen of Grades.
5 Foremen.	7 Drivers.
6 Engineers.	7 Grooms.

Making a total of 154, including all ranks.

The Surgeon has been included in the Health Department Budget Schedule, page 51, under Corporation's Resolution Nos. 14093 and 5285 of the 15th of March and 2nd of September 1897 respectively, and he has therefore been eliminated from the strength of the Fire Brigade.

Equipment.

8 Steam Fire Engines.	6 Telescopic Fire-escapes.
9 Manuals.	1 Brake.
16 Hose Reels.	16 Horses.
7 Tender Carts.	

256 lengths of delivery hose, comprising about 15,360 feet, and other necessary fire-extinguishing appliances.

14. The number of calls to fires, or supposed fires, received during the year has been 120; of this number 14 were reported by the Police but did not require the attendance of the Brigade, the remaining 106 involved the turning out of engines and men, and resulted in 5 false alarms, and 101 fires, 70 of which were extinguished by Brigade appliances, and 31 before the arrival of the Brigade (see tables 1 and 2).

15. The estimated damage to property during the year has amounted to Rs. 23,61,915 showing an increase of Rs. 3,63,451 as compared with the preceding year. (See table No. 3.)

16. The amount of damage to property at the 70 fires extinguished by Brigade appliances is estimated at Rs. 18,95,365, whilst the property in imminent risk of becoming involved at these fires has been rated at Rs. 70,82,565. (See tables 2 and 4.)

17. The estimated damage to insured property has been Rs. 23,30,318, whilst that to uninsured property has been Rs. 31,597.

18. The estimated quantity of water used for extinguishing fires during the year has been 28,77,300 gallons or about 12,845 tons; of this quantity 27,20,000 gallons were taken from the street mains, 22,000 gallons from the sea, and 1,35,300 from wells and tanks. (See table No. 5.)

The distribution of engines, &c., is as under :—

No.	Stations. Names.	Engines. Steamers.	Engines. Manuals	Hose Reels.	Tender Carts.	Fire Escapes.	Brakes.	Horses.	Delivery Hose.	Foremen.	Engineers.	First Class Tindals.	Second Class Tindals.	Firemen of Grades.	Drivers.	Grooms.	Remarks.
1	Byculla	3	3	3	1	1	1	6	84	1	1	2	...	12	2	2	
2	Gowalia Tank	1	...	2	1	1	...	2	30	1	1	1	1	12	1	1	
3	Chinchpokli	1	...	1	1	1	...	2	30	1	1	1	1	12	1	1	
4	Babula Tank	1	...	2	1	1	...	2	30	1	1	1	1	12	1	1	
5	Fort	1	...	1	1	1	...	2	30	1	1	1	1	12	1	1	
6	Colaba	1	...	1	1	1	...	2	30	1	1	1	1	12	1	1	
7	Malabar Hill	...	1	1	...	...	...	...	12	...	...	1	...	6	...	...	
8	DeLisle Road	...	1	1	...	...	...	...	12	...	...	1	...	6	...	...	
9	Mahim	...	1	1	...	...	...	...	12	...	...	1	...	6	...	...	
10	Dadar...	...	1	1	...	...	...	...	12	...	...	1	...	6	...	...	
11	Mazagon	...	1	1	...	...	...	...	12	...	...	1	...	6	...	...	
12	Bhuleshwar	...	1	1	1	...	...	...	12	...	...	...	1	6	...	...	
	Total... ...	8	9	16	7	6	1	16	256	6	6	12	6	108	7	7	

The fires of 1898-99 show a decrease of 21 as compared with 1897-98, and with the average of the past ten years a decrease of one.

The most destructive fire of the year was that which occurred at Ahmedabad Street on the 26th June, where a large cotton godown with its contents was destroyed, and several other residential buildings adjoining were damaged, the estimated loss being Rs. 9,75,500. This fire was extinguished by the aid of all our working steamers (six in number) and two hydrants.

A destructive fire also occurred at the Mahomedan Mill, Tardeo, on the 8th of September, which resulted in the Carding and Spinning departments being entirely destroyed. Five steamers and one hydrant were employed to extinguish the fire, and a damage of Rs. 5,25,000 accrued.

The remaining fires worthy of note were as follows:—

On April 7th, at Syed Moke Street, Mandvi, a godown containing spices, &c., was very severely damaged by fire, and four steamers and one hydrant were brought into use to extinguish the same, a damage of Rs. 42,500 resulting.

On July 1st a call was received to the P. & O. S. S. "Ganges" alight in the Harbour. The steamers of the Brigade turned out but were not utilized, as we had no means of transporting them to the burning vessel, which was eventually destroyed, and one of the stewardesses burned to death, the loss of the vessel being estimated at Rs. 4,50,000.

On August 27th a cotton godown at Pasta Lane, Colaba, with its contents was severely damaged by fire and water, and was extinguished by the aid of four steamers, resulting in a damage of Rs. 1,91,250.

On January 12th, at the Damodhar Lukmidass Mill, Fergusson Road, Parel, a large cotton store on the third floor of main building was with its contents severely damaged by fire, and was extinguished after great exertion, owing to the dense smoke and heat, by three steamers, a damage of Rs. 85,000 accruing.

The following tables are annexed :—

Table No. 1.—Attendance at fires.

Do. „ 2.—Statement showing by what means fires were extinguished.

Table No. 3.—Summary of fires and estimated loss.

Do. „ 4.—Statement showing the estimated damage and property at risk at fires extinguished by Fire Brigade appliances.

Do. „ 5.—Estimated quantity of water delivered at fires.

Do. „ 6.—List of causes of fires.

Do. „ 7.—Hourly summary of fires.

Do. „ 8.—Monthly summary of fires and annual loss for the period 1889-90 to 1898-99.

Do. „ 9.—List of fires where property to the extent of Rs. 2,000 and upwards was destroyed.

Table No. 1.

Attendance, &c., at Fires during the year 1898-99.

Months.	Fires attended by Brigade.	Fires extinguished by Brigade.	Fires extinguished before the arrival of the Brigade.	Fires reported "Out" by Police.	Total Fires.
April	8	6	2	1	9
May	11	9	2	5	16
June	7	6	1	...	7
July	3	1	2	...	3
August	3	2	1	3	6
September	9	7	2	...	9
October	5	3	2	2	7
November	7	5	2	...	7
December	8	7	1	...	8
January	22	12	10	1	23
February	11	8	3	2	13
March	7	4	3	...	7
Total...	101	70	31	14	115

Table No. 2.

Statement showing by what means Fires were extinguished during the year 1898-99.

Months.	Steamers.	Manuals.	Hydrants.	Hand Pumps and Buckets.	Private Appliances.	Total Fires.	REMARKS.
April	2	...	3	1	3	9	
May	...	...	9	...	7	16	
June	1	...	4	1	1	7	
July	...	...	1	...	2	3	
August	1	...	1	...	4	6	
September	3	...	3	1	2	9	
October	1	...	1	1	4	7	
November	1	...	1	3	2	7	
December	1	...	6	1	...	8	
January	4	1	6	1	11	23	
February	1	...	7	...	5	13	
March	...	...	4	...	3	7	
Total...	15	1	46	9	44	115	

Table No. 3.

Summary of Fires and Estimated Loss for the year 1898-99.

Months.	Serious Fires.	Slight Fires.	Total Fires.	Estimated Loss.
				Rs.
April	1	8	9	48,117
May	...	16	16	6,226
June	1	6	7	9,78,765
July	1	2	3	4,50,090
August	1	5	6	1,91,355
September	2	7	9	5,30,887
October	2	5	7	11,301
November	1	6	7	15,528
December	...	8	8	3,075
January	3	20	23	1,18,626
February	...	13	13	7,237
March	...	7	7	2,708
Total for 1898-99...	12	103	115	23,61,915
Total for 1897-98...	23	113	136	19,98,464
Total estimated increase				3,63,451

Table No. 4.

Statement showing the Estimated Damage to Property at risk at Fires extinguished solely by the use of Brigade Steamers, Manuals and Hydrants during the year 1898-99.

Months.	Number of Fires extinguished by Brigade Steamers, &c.	Estimated Loss.			Property at Risk.		
		Rs.	a.	p.	Rs.	a.	p.
April	6	48,090	0	0	1,16,155	0	0
May	9	5,025	0	0	44,175	0	0
June	6	9,78,735	0	0	2,51,165	0	0
July	1	40	0	0	4,960	0	0
August	2	1,91,255	0	0	13,08,755	0	0
September	7	5,30,855	0	0	4,18,845	0	0
October	3	6,350	0	0	6,03,650	0	0
November	5	13,525	0	0	17,26,475	0	0
December	7	3,070	0	0	89,730	0	0
January	12	1,08,591	0	0	23,22,234	0	0
February	8	7,129	0	0	29,121	0	0
March	4	2,700	0	0	1,67,300	0	0
Total...	.....	18,95,365	0	0	70,82,565	0	0

Table No. 5.

Estimated Quantity of Water delivered at Fires by Engines and Hydrants during the year 1898-99.

Months.	Mains.	Sea.	Wells and Tanks.	Total.
	Gals.			Gals.
April	1,23,200	...	.....	1,23,200
May	1,24,400	...	.....	1,24,400
June	14,45,800	...	.....	14,45,800
July	500	...	.....	500
August...	4,94,200	...	.....	4,94,200
September	1,32,080	...	1,35,300	2,67,380
October	44,200	...	.....	44,200
November	12,600	...	.....	12,600
December	1,03,500	...	.....	1,03,500
January	1,79,900	22,000	.....	2,01,900
February	38,220	...	.....	38,220
March	21,400	...	.....	21,400
Total Gallons	27,20,000	22,000	.....	28,77,300
Total Tons and Gallons ...	12,142+192	98+48	604+4	12,845+20

Table No. 6.

List of Causes of Fires for the year 1898-99.

Causes.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Careless Smoking ...	1	1	1	...	...	...	...	...	...	1	...	...	4
Do. use of fire ...	1	...	1	...	...	...	...	...	1	3	...	...	6
Do. do. oil lamp.	...	1	...	...	...	...	1	...	1	...	2	...	5
Do. do. kerosine lamp.	1	1	...	...	1	3	...	1	...	1	...	1	9
Do. do. fire while cooking.	...	...	...	...	...	...	...	1	...	...	...	1	2
Do. do. fireplace.	...	...	...	...	...	...	...	...	...	1	...	...	1
Children playing with Matches	...	...	...	...	...	...	...	...	...	1	...	...	1
Cocoanut oil boiling ...	...	...	...	...	...	...	...	...	...	...	...	1	1
Friction of Machinery.	...	...	...	...	...	1	...	2	...	...	...	...	3
Japanese Lantern ...	...	...	...	...	...	...	...	...	...	...	1	...	1
Kerosine Oil Lamp exploding.	...	...	...	...	...	...	2	...	...	1	1	...	4
Do. do, upset.	...	...	...	...	...	...	...	1	...	1	1	...	3
Light thrown down ...	...	5	2	1	1	...	2	1	2	1	4	2	21
Lime slaked by rain ...	...	...	...	...	1	...	...	...	...	...	...	...	1
Oil-lamp	...	...	...	...	...	...	...	...	...	2	...	...	2
Over-boiling Sugar ...	...	...	...	...	...	...	...	...	...	1	...	...	1
Overheat of Hot Water apparatus	...	...	...	...	...	...	...	1	...	...	...	...	1
Spark from burning rubbish	1	...	...	...	...	...	...	...	...	...	...	...	1
Spark from fire... ...	...	...	...	...	1	1	...	...	...	1	2	...	5
Do. from Locomotive.	...	...	...	...	...	...	...	...	...	1	...	...	1
Stone in Machinery ...	...	...	...	...	...	...	1	...	...	1	...	...	2
Spark from incinerator shaft	...	...	...	...	...	...	1	...	...	...	...	...	1
Tar Boiling over ...	...	...	...	...	...	...	...	...	1	...	...	...	1
Spontaneous combustion	...	...	...	...	...	...	...	...	...	2	1	2	5
Unknown	5	8	3	2	2	4	...	...	3	5	1	...	33
Total ...	9	16	7	3	6	9	7	7	8	23	13	7	115

Table No. 7.

Hourly Summary of Fires for the year 1898-99.

Hours.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total Fires.
A.M. 1st...	...	...	1	...	...	1	...	...	...	1	2	...	5
2nd...	1	1	...	...	1	...	...	...	...	1	...	...	4
3rd...	3	1	...	...	...	1	1	1	1	2	2	...	12
4th...	...	...	1	1	...	1	...	...	...	...	1	...	4
5th...	...	1	1	...	1	...	1	...	...	1	...	...	5
6th...	...	1	1	...	...	1	...	...	...	1	...	...	4
7th...	1	2	...	...	...	...	...	...	...	2	...	1	6
8th...	...	...	...	...	...	1	...	...	...	1	1	...	3
9th...	1	1	...	...	...	...	...	...	2	2	...	...	6
10th...	...	...	...	...	...	...	...	...	...	...	...	...	...
11th...	...	1	...	...	...	...	...	...	...	...	...	...	1
12th...	...	1	...	1	...	...	...	1	...	1	...	...	4
P.M. 1st...	...	...	...	...	...	...	2	2	...	1	1	...	6
2nd...	...	1	...	...	...	...	...	...	2	1	...	2	6
3rd...	...	1	...	1	...	...	...	...	1	1	1	...	5
4th...	1	1	...	...	1	...	1	1	...	...	...	...	5
5th...	...	1	...	...	...	...	1	...	2	1	1	2	8
6th...	1	...	...	...	1	1	...	...	...	1	...	...	4
7th...	...	...	1	...	...	...	1	...	...	...	1	...	3
8th...	...	...	...	...	...	...	...	...	...	2	...	1	3
9th...	1	2	...	...	...	...	...	...	...	2	...	...	5
10th...	...	...	...	...	...	1	...	...	...	...	1	1	3
11th...	...	...	2	...	2	2	...	...	...	...	1	...	7
12th...	...	1	...	...	...	...	...	2	...	2	1	..	6
Total ...	9	16	7	3	6	9	7	7	8	23	13	7	115

Table No. 8.

Monthly Summary of Fires and Annual Losses for the period 1889-90 to 1898-99.

Year.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total Fires.	Estimated Loss.		
														Rs.	a.	p.
1889-90 ...	7	6	5	7	2	2	3	13	10	11	14	8	88	22,62,121	2	0
1890-91 ...	11	13	9	8	3	4	9	9	10	13	16	15	120	22,92,675	10	0
1891-92 ...	6	10	8	2	5	7	11	13	19	14	16	16	127	75,903	0	0
1892-93 ...	8	12	10	9	4	3	12	15	17	11	17	19	137	8,18,599	0	0
1893-94 ...	14	8	9	3	3	2	14	15	11	13	16	12	120	6,77,128	6	0
1894-95 ...	7	12	7	3	8	4	3	6	10	16	12	9	97	2,25,445	0	0
1895-96 ...	15	10	11	9	2	3	9	12	24	13	9	13	130	20,41,571	0	0
1896-97 ...	12	26	8	3	7	8	12	16	8	7	6	9	122	18,75,662	0	0
1897-98 ...	7	12	6	8	4	7	13	18	14	19	9	19	136	19,98,464	0	0
1898-99 ...	9	16	7	3	6	9	7	7	8	23	13	7	115	23,61,915	0	0

Table No. 9.

List of Fires where Property to the extent of Rs. 2,000 and upwards was destroyed during the year 1898-1899.

Date.	Locality.	Nature of property.	Damage.
1898.			Rs.
April 7th	Syed Moke Street, Mandvi	A godown	42,500
„ 28th	Malet Bunder	Coal	4,200
June 24th	Malpakady	Jowli huts	2,835
„ 26th	Ahmedabad Street, Mandvi	Cotton Godown	9,75,550
July 1st	Bombay Harbour	S. S. "Ganges"	4,50,000
August 21st	Pasta Lane	Cotton Godown	1,91,250
September 6th	Duncan Road	Chawl	2,500
„ 8th	French Bridge	Mill	5,25,000
„ 21st	Beef Lane	House	2,600
October 9th	Falkland Road	Do.	6,000
„ 28th	Carroll Road	Cotton	4,000
November 11th	Falkland Road	House	11,000
„ 27th	Lal Baugh Road	Cotton	2,000
January 2nd	Falkland Road	House	15,500
„ 11th	Fergusson Road	Cotton	85,000
„ 14th	Mazagon	Steam Ship	5,000
„ 25th	Pedder Road	Mandap	7,000
February 25th	Malet Bunder	Coal	3,000

RETURN

RETURN OF FIRES in the CITY of BOMBAY

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1898.			Pursoo Govind ...	General Merchant.	Pursoo Govind .....
1	7th April.	2-15 a.m.	Syed Mok Street, Mandvi.	Heroo Khemjidas ...	Do. ...	Heroo Khemjidass ...
				Y. Abdool Rehimon Gutti and others.	Do. ...	Haji Ahmed Pathan.
2	„ „	8-8 a.m.	Jail Road	H. M.	Common Jail.	.....
3	9th „	5-30 p.m.	Gibbs Road	Runchord Govind ...	Mali	The Trustees of the Babulnath Temple.
4	14th „	1-10 a.m.	Girgaum Road	Rawajee Gunesh	Private	Harichandra Pandoorung.
5	17th „	2-39 „	Dadar New Road ...	Shriput Sabajee	Private	Warilal Mooni .....
6	23rd „	2-43 „	Calicut Street, Frere Road.	Unoccupied.		Rutonjee Merwanjee
7	27th „	6-30 „	Malet Bunder	Jivraj Baloo	Coal merchant	The Port Trust .....
8	28th „	3-45 p.m.	Do. ...	Khambatta & Co. ...	Coal merchants.....	Do. .....

OF FIRES.

from 1st April 1898 up to 31st March 1899.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs.	a.	p.
Careless smoking.	Conts. insured; bdg. unknown.	By telephone at 2-25 a.m.	By firemen with four steamers and one hydrant.	From main at 2-35 a.m.	A ground floor godown and contents nearly burned out and roof off	10,000	0	0
Do. ...	Do. ...	Do. ...	Do. ...	Do. ...	Do. ...	12,000	0	0
Do. ...	Conts. partly insured; bdg. unknown.	Do. ...	Do. ...	Do. ...	A building of three floors, upper floor and contents nearly burned out and roof off, contents on first and ground floors damaged by fire, heat and water.	20,500	0	0
					Total loss Rs...	42,500	0	0
Unknown	Unknown .	Reported by Police at 8-12 a.m.	By inmates	Stored on premises.	A small quantity of oakum burned in a coll on upper floor of one storied building	2	0	0
Spark from burning rubbish.	Not insured.	By fireman on duty at 5-35 p.m.	Do. ...	Do. ...	A jawli hut destroyed by fire	5	0	0
Careless use of kerosine lamp.	Bdg. insured; contents not insured.	By telephone at 1-20 a.m.	Do. ...	Do. ...	Contents of a room on first floor severely damaged by fire ...	20	0	0
Careless use of fire.	Not insured.	By stranger at 2-40 a.m.	By firemen with hand pump.	From well...	A jawli hut (used as dwelling) and contents nearly burned out	40	0	0
Unknown	Bdg. insured.	By Police at 2-45 a.m.	By firemen with one hydrant.	From main at 2-56 a.m.	Room on top floor severely damaged by fire and part of roof off	250	0	0
Do. ...	Not insured.	By Police at 9-25 a.m.	Do. ...	From main at 10 a.m.	Centre portion of a stack of coal of about 250 tons damaged by fire	800	0	0
Do. ...	Insured ...	By telephone at 3-55 p.m.	By firemen with one steamer and one hydrant.	From main at 4-15 p.m.	A stack of coal of about 600 tons severely damaged by fire on open ground.	4,200	0	0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1898.					
9	30th April	8-30 p.m.	Malet Bunder	Khambatta & Co.....	Coal merchants.....	The Port Trust.....
10	2nd May	8-30 p.m.	Malet Bunder	Khambatta & Co. ...	Coal merchants ...	The Port Trust .....
11	3rd „	4-25 a.m.	Girgaum Road	Ravi Varma Press ...	.....	Govindass Khatow...
12	4th „	8-15 a.m.	Malet Bunder	Mackinnon, Mackenzie & Co.	Coal merchants.....	The PortTrust.....
13	6th „	1-15 „	Erskine Road	Pandoo Anand and others.	Pansupari dealers, &c.	Adamjee Peerbhoy ...
14	„ „	11-50 „	Bhasker Lane	Soondajee Khimjee...	Private	The Trustees of Hurgovin Desai.
15	„ „	1-43 p.m.	Marine Lines.....	Dhunjeebhoy Ruttonjee.	Do. ...	Dhunjeebhoy Ruttonjee.
16	8th „	2-1 a.m.	Foras Road	Hussein Bux.....	Do. ...	Mohandass Candass...
17	„ „	8-50 p.m.	Gujari Bazar, Parel Road.	Shahoojee Gopal	Confectioner	Ramchandra Krustnajee.
18	9th „	5-30 a.m.	Malet Bunder	Mackinnon, Mackenzie & Co.	Coal merchants.....	The Port Trust .....
19	15th „	10-10 „	Naigaum Cross Road.	Kolicurrme Hiralal and others.	Bigarees.....	The Union S. & W. Co.

Cause.	Insurance	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Unknown	Insured ...	By stranger at 8-45 p.m.	By firemen with one hydrant.	From main at 9 p.m.	Centre portion of a stack of coal of about 450 tons damaged by fire	300 0 0
Unknown	Insured ...	By Police at 8-55 p.m.	By firemen with one hydrant.	From main at 9-10 p.m.	Centre portion of a stack of coal of about 600 tons severely damaged by fire	800 0 0
Light thrown down.	Contents and building insured.	By telephone at 4-28 a.m.	By inmates ...	Stored on premises.	A small quantity of stock damaged by fire on ground floor.	10 0 0
Unknown	Not insured.	By stranger at 8-30 p.m.	By firemen, with one hydrant.	From main at 8-45 a.m.	Centre portion of two stacks of coal of about 300 tons (each) damaged by fire	500 0 0
Careless smoking.	Building insured; contents not insured.	By telephone at 1-19 a.m.	By firemen with one hydrant.	From main at 1-25 a.m.	A building of two floors about 114 and 30 feet (used as dwelling and shops) upper and ground floors and contents damaged by fire and part of roof off.....	1,090 0 0
Light thrown down.	Not insured.	By telephone at 11-55 a.m.	By inmates	Stored on premises.	A large mandap and contents severely damaged by fire and breakage on open ground	1,000 0 0
Unknown	Do. ..	By telephone at 1-15 p.m.	By firemen with one hydrant.	From main at 1-58 p.m.	Six jawli huts and three tents severely damaged by fire.....	300 0 0
Light thrown down.	Do. ...	By fireman on duty at Foras Road Camp at 2-2 a.m.	By inmates	Stored on premises.	A bed and bedding damaged by fire on first floor.....	5 0 0
Careless use of kerosine oil lamp.	Bldg. and contents not insured.	By Police at 8-58 p.m.	By inmates.....	Do. ...	A quantity of dry grass destroyed on first floor	1 0 0
Unknown	Not insured.	By stranger at 5-45 a.m.	By firemen with one hydrant.	From main at 6 a.m.	Centre portion of a stack of coal of about 500 tons damaged by fire	200 0 0
Do. ...	Do. ...	By stranger at 10-12 a.m.	By firemen with one hydrant.	From main at 10-15 a.m.	Two jawli huts and contents destroyed by fire.....	200 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1898.					
20	20th May	2-5 p m.	Kandewady	The Sarswat Sabha (Pandurang Shamrao, Land manager)	Club	Anpurnabai .....
21	„ „	4-1 „	Malet Bunder	C. J. Khambatta & Co.	Coal merchants.....	The Port Trust .....
22	21st „	11-5 „	Bazar Gate Street..	Mahomed Esmail.....	Umbrella repairer	Muljee Ramjee.. .....
23	22nd „	6-30 a.m.	Malet Bunder	Mackinnon, Mackenzie & Co.	Coal merchants.....	Port Trust.....
24	„ „	6-50 „	Do. ...	Merwanjee Nusserwanjee.	General merchant...	Do. ...
25	29th „	3-1 p.m.	Cotton Green, Colaba.	Oomersy Dhawna ...	Cotton merchant ...	Do. ...
26	5th June.	6-45 „	Malet Bunder	Mackinnon, Mackenzie & Co.	Coal merchants.....	Do. ...
27	10th „	5-10 a.m.	Do. ...	Do. ...	Do. ...	Do.
28	15th „	10-48 p.m.	Mori Road.....	Jatha Hurri and others.	Private	The Bombay Municipality.
29	21st „	4-40 a.m.	Worli Pakhadi	Krostna Narayan ...	Vegetable dealer..	Tookia Sadashiva ...
30	22nd „	3-50 „	Foras Road ...	Gunpati Jothi	Private	Nusserwanjee Maneckjee.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Light thrown down.	Contents insured; bdg. not insured.	None received.	By inmates	Stored on premises.	Contents of first floor of a two-storied building damaged by fire.....	150 0 0
Unknown	Not insured.	By stranger at 4-20 p.m.	By firemen with one hydrant.	From main at 4-30 p.m.	Part of a stack of coal of about 250 tons damaged by fire ...	150 0 0
Careless use of oil lamp.	Unknown..	By stranger at 11-55 p.m.	By inmates	Stored on premises.	Contents of a room on ground floor damaged by fire	5 0 0
Unknown	Not insured.	By stranger at 6-50 a.m.	By firemen with one hydrant.	From main at 7 a.m.	Centre portion of a stack of coal of about 600 tons damaged by fire	375 0 0
Do. ...	Insured ...	By stranger at 7 a.m.	Do. ...	From main at 7-15 a.m.	A large section of a stack of coal of about 200 tons severely damaged by fire.....	1,500 0 0
Light thrown down.	Do. ...	By Police at 3-5 p.m.	By employes	Stored on premises.	Three bales of cotton (half pressed) slightly damaged by fire and water on open ground	30 0 0
Unknown	Not insured.	By stranger at 7 p.m.	By firemen with one hydrant.	From main at 7-15 p.m.	Centre portion of a stack of coal of about 500 tons slightly damaged by fire	140 0 0
Do. ...	Do. ...	By stranger at 5-50 a.m.	Do. ...	From main at 6-15 a.m.	Side portion of a stack of coal of about 600 tons damaged by fire	160 0 0
Careless use of fire.	Do. ...	By Police at 10-50 p.m.	Do. ...	From main at 11 p.m.	Two jawli huts and contents destroyed by fire	40 0 0
Light thrown down.	Do. ...	By telephone at 4-4 a.m.	By inmates	Stored on premises.	A jawli hut and contents destroyed by fire	30 0 0
Careless smoking	Do. ...	By telephone at 3-58 a.m.	By firemen and inmates with hand pump and buckets.	Do. ...	A jawli hut (used as dwelling) and contents slightly damaged by fire ...	10 0 0

No	Date.	Time.	Place.	Occupier.	Business.	Landlord.
31	1898. 24th June	10-40 p.m.	Walpakhadi	Sagha Ramjee and others.	Carters	Jusub Rahimned Tullah.
				Bnodi Rastum and others.	Dhobees.....	Do. ...
				The Bombay	Telephone Co.	The Bombay Municipality.
32	26th ,,	12-5 a.m.	No. 31, Ahmedabad Street.	Bhimjee Shamjee & Co.	Cotton merchants...	Vesharam Ebrahim...
			No. 29, Ahmedabad Street.	Shaik Ahmed Shaik Dawood.	Paper merchant ...	Shaik Ahmed Shaik Dawood.
			No. 82, Baroda Street.	Hurjee Govindjee ...	Private	Hurjee Govindjee ...
			Do. 2nd floor ...	Vissiamull Assonmull	Do. ...	Do. ...
			Do. 1st floor ...	Nursu Chokandass Heranund.	Do. ...	Do. ...
			Do. ground floor	Messrs. John Dickinsons & Co.	Paper manufacturers.	Do. ...
			No. 80, Baroda Street.	Hurjee Govindjee ...	Grain merchant ...	Do. ...

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs.	a.	p.
Light thrown down.	Not insured.	By fireman on duty at 10-42 p.m.	By firemen with 2 hydrants.	From main at 10-50 p.m.	A jawli hut about 120×30 feet (used as dwelling) and contents burned out	385	0	0
Do. ...	Do. ...	Do. ...	Do. ...	Do. ...	A jawli hut about 120×30 feet (used for drying clothes) and contents damaged by fire ...	2,400	0	0
Do. ...	Unknown..	...	.....	.....	Two upright poles with 24 wires, insulators, &c., damaged by fire ...	50	0	0
					Total loss ...Rs.	2,835	0	0
Unknown	Pdg. and contents insured.	By telephone at 12-10 a.m.	By firemen with 6 brigade steamers and 2 hydrants.	From main at 12-20 a.m.	A ground floor building about 150×60 feet (used as cotton godown) and 10,500 bales of pressed cotton severely damaged by fire, east and north walls collapsed & roof off.	9,55,000	0	0
Do. ...	Do. ...	Do. ...	Do. ...	Do. ...	A ground floor building about 80×60 feet (used as godown), roof slightly damaged by fire and breakage, contents slightly by water and removal.	5,000	0	0
Do. ...	Bdg. insured, contents not insured.	...	.....	.....	A building of three floors, rear of building and upper floors severely damaged by fire heat and part of roof off ...	8,000	0	0
Do. ...	Contents not insured.	...	.....	.....	Contents slightly damaged by fire, water and removal.	50	0	0
Do. ..	Contents insured.	...	.....	.....	Contents damaged by fire, water and removal	2,000	0	0
Do. ...	Do. ...	...	.....	.....	A quantity of stock damaged by fire, water and removal.	500	0	0
Do. ...	Bdg. and contents insured.	...	.....	.....	A building of five floors (used as dwelling and godown) west side and rear walls slightly damaged by fire and heat, contents of grain godown on ground floor damaged by water ...	5,000	0	0
					Total loss ...Rs.	9,75,550	0	0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
33	1898 1st July.	2-30 a.m.	Bombay Harbour "C" Buoy.	S.S. "Ganges," P.&O.S. N. Company.	.....	.....
34	4th „	11-2 „	Gunpowder Works, Mazagon.	Kemp & Co.	Chemists	The Port Trust .....
35	9th „	2-45 p.m.	Victoria Bunder, Middle Colaba.	Rukhma Rama ...	Carter,.....	The Colaba Land Mill & Co.
36	8th Aug.	10-30 p.m.	Lady Jamsetjee Road (Sorab Mill)	Messrs. Hormasjee Sorabjee & Co.	Cotton spinners ...	Messrs. Hormasjee Sorabjee & Co.
37	17th „	5-1 „	Lady Jmsetji Road.	Shaik Karrim Noor Mahomed.	Dyer	Ebrahim Rahimtoola
38	19th „	3-33 „	Do. ...	Soorkia Hurry	Private	Soorkia Hurry .....
39	20th „	4-30 a.m.	Khumbhar Gully, Elphinstone Road.	Arjoon Kama	Do.	Ramu Woman .....
40	„ „	10-1 p.m.	Bhoiwada Cross Lane (Naigaum).	Soorajee	Milkman	Narayan Purbhoo ...
				Ootamchund Heerjee (Bruel & Co.)	Cotton merchant ...	Ratonjee Mooljee ...
41	27th „	1-35 a.m.	Pasta 1st Lane, Lower Colaba, *Ground Floor.*	Hurjee Jetha..... } Chapse Ludha ..... }	Do. do. ...	Do. ...
			Pasta 2nd Lane ...	Muljee Jetha	Do. do. ...	Came Yacoon .....
				Sumbhajee Pitambar	Do. do. ...	.....

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Unknown	Insured ...	By telephone at 3-55 a.m.	By Company's and Port Trust appliances.	From sea ...	S.S. "Ganges" and contents burned out in the stream of Bombay Harbour; Mrs. Atkins, stewardess, burnt to death.	4,50,000 0 0
Do.	Bdg. and contents insured.	By telephone at 11-5 a.m	By firemen with one hydrant.	From main at 11-14 a.m.	One case of wood (naptha) destroyed by fire and 3 cases damaged by water and removal	40 0 0
Light thrown down.	Not insured.	By telephone at 2-55 p.m.	By Colaba Land Mill with private appliances.	Stored on premises.	Several bales of hay damaged by fire on open ground	50 0 0
Careless use of lamp.	Bdg. and contents insured.	By telephone at 10-38 p.m.	By mill employes with private appliances.	Do. ...	Wood staging slightly damaged by fire in engine-house.....	2 0 0
Spark from fire...	Not insured.	Reported by Police at 8 p.m.	By inmates	Do. ...	A jawli hut and contents destroyed by fire	3 0 0
Careless use of kerosine lamp.	Do. ...	By stranger at 3-35 a.m.	By firemen with one hydrant.	From main at 3-40 p.m.	A jawli hut and contents damaged by fire	5 0 0
Unknown	Do. ...	Reported by Police at 6 a.m.	By neighbours	Stored on premises.	A jawli hut and contents damaged by fire	10 0 0
Kerosine lamp exploding.	Do. ...	Reported by Police at 11-30 p.m.	Do. ...	Do. ...	A jawli hut (used as stable) and contents nearly burned out and a calf burnt to death	85 0 0
Unknown	Contents and bdg. insured.	By telephone at 1-37 a.m.	By firemen with four steamers.	From main at 1-42 a.m.	A building of two floors about 50×50 feet (used as cotton godown), contents very severely damaged by fire and water, roof off	1,05,250 0 0
Do. ...	Do. ...	.....	Do. ...	.....	A building of two floors about 50×50 feet (used as cotton godown) and contents damaged by fire and water	44,000 0 0
.....	.....	.....	.....	.....	A building of one floor about 50×30 feet (used as cotton godown) and contents damaged by fire and water and part of roof	28,000 0 0
.....	.....	.....	.....	.....	Do. do. ...	14,000 0 0
					Total loss ... Rs.	1,91,250 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
42	1898. 3rd Sep.	12-50 a.m.	Raichur Street	Keshew Nanoo and others.	Carters	The Port Trust .....
43	6th „	10-12 p.m.	No. 12 Duncan Road	Hurubhai Kushaldass	General merchant	Tribowandass Jadowjee
44	8th „	5-45 a.m.	French Bridge Road Mahomedan Mill	Hadjee Cassam Jusub & Co.	Cotton spinners ...	Hadjee Cassam Jusab & Co.
45	11th „	7-45 a.m.	Connaught Road...	Maratha Plague Hospital.	.....	.....
46	20th „	5-8 p.m.	Grant Road	Esmailjee Khanbhoy.	General dealer	Purboodass Purshotamdass.
47	„ „	9-34 „	Beef Lane, Parsi Bazar Street, Fort	Mahomed Ladha	Tea merchant	Shapurjee Jiwajee ...
	„ „	...	1st floor do. ...	Coomadin Abdul Rahim.	Printer	Do. ...
48	21st „	10-10 „	Bhuleshwar Road...	Waliadam Jethekhan	General dealer ...	Jeewan Lal .....
49	22nd „	2-20 a.m.	Clerk Road	Emamali Ameer and others.	Tailors	Shamdass Tapidass...
50	23rd „	10-20 p.m.	New Purbadevi Rd.	Rajayana and others.	Private	Damodar Narayan ...

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Careless use of kerosine lamp.	Not insured.	By telephone at 12-53 a.m.	By firemen with one steamer and six hydrants.	From main at 1-3 a.m.	Several ranges of jawli huts and contents nearly burned out, 3 goats burned to death and several carts damaged by fire	600 0 0
Unknown	Bdg. insured; contents not insured.	By police at 10-16 p.m.	By firemen with two hydrants.	From main at 10-24 p.m.	Rear portion of a ground floor chawl (used as godown) and contents severely damaged by fire and part of roof off.	2,500 0 0
Friction of machinery.	Contents and building insured.	By stranger at 6-5 a.m.	By firemen with 5 steamers and one hydrant.	From main and mill tanks at 6-12 a.m., short supply from main for 15 minutes, afterwards plentiful.	A building of two floors about 300×150 feet (used as carding and spinning rooms) and contents burned out and roof off, mixing and blow rooms and contents damaged by fire, heat and water, all adjoining	5,25,000 0 0
Lime slaked by rain.	Not insured.	By fireman on duty at 7-40 a.m.	By firemen on duty and employes with hand pump and buckets.	Stored on premises.	Several sacks of lime damaged by fire on open ground	5 0 0
Unknown	Contents and bdg. not insured.	By telephone at 5-18 p.m.	By inmates	None used ...	A small quantity of coal tar damaged by fire on ground floor.....	2 0 0
Do. ...	Contents not insured; bdg. insured.	By stranger at 9-35 p.m.	By firemen with 2 steamers and 2 hydrants.	From main at 9-43 p.m.	A building of three floors, upper floor and contents severely damaged by fire and part of roof off.	1,800 0 0
.....	Contents insured.	...	.....	.....	Contents damaged by fire and water	800 0 0
					Total loss Rs.....	2,600 0 0
Unknown ...	Contents not insured; building insured.	By police at 10-12 p.m.	By firemen with one hydrant.	From main at 10-16 p.m.	Shop and contents on ground floor damaged by fire and water	100 0 0
Careless use of kerosine lamp.	Bdg. and contents not insured.	By stranger at 2-25 a.m.	Do. ...	From main at 2-30 a.m.	The centre portion of a ground floor chawl about 120×30 feet (used as dwelling) and contents slightly damaged by fire and part of roof off.	50 0 0
Do. ...	Not insured.	By police at 10-25 p.m.	By inmates	Stored on premises.	Three jawli huts (used as dwellings) and contents burned out	30 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1898.					
51	3rd Oct.	12-5 p.m.	Kamatipura 5th Street.	Tookaram Bhowani...	Carter	Manajee Rawajee & Co.
52	„ „	6-15 „	59 Kambekar Street, Dongree.	Jusub Hajee Mahomed.	Private	Haji Vaidna Haji Ebrahim.
53	9th „	4-58 a.m.	Falkland Road.....	Erani Murwan Nurswan.	Refreshment rooms.	Haji Esmail Haji Hussein.
54	10th „	2-30 „	No. 11, Ahmedabad Street (Mandvi).	Mahadewji Dwarkadass.	General Merchants.	Asubai (Woman).....
55	20th „	12-5 p.m.	Paltan Road (Municipal Workshops.)	The Bombay Municipality.	.....	.....
56	„ „	3-30 „	Dharavi Road, Mahim.	Gungaram Mahipati..	Leather tanner ..	Gangaram Mahipati...
57	28th „	4-45 „	Carroll Road (David Mills).	David Sassoon & Co.	Cotton spinners ...	David Sassoon & Co.
58	4th Nov.	12-2 „	Ripon Road	The Bombay Municipality (Julai Hospital).	.....	.....
59	11th „	11-40 „	Falkland Road.....	Hussunali Gulab Hussein.	General dealer.....	Ghelabhai Atmaram...
60	13th „	11-40 „	Bhuleshwar Road...	Narayan Tuljaram ...	Confectioner.....	Gungaram Jamnadass
61	18th „	3-1 „	De Lisle Road (Currimbhoy Mills).	Currimbhoy Ebrahim & Co.	Cotton spinners ...	Currimbhoy Ebrahim & Co.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Light thrown down.	Contents not insured; building unknown.	By telephone at 12-3 p.m.	By inmates	Stored on premises.	A small quantity of hay burned in stable	1 0 0
Kerosine oil lamp exploding.	Contents and building insured.	By telephone at 6-20 p.m.	By firemen with hand pumps and buckets.	Do.	Cook-room on 5th floor and contents damaged by fire; Esmail Gulam Mahomed severely burned on body and taken to the hospital (since dead)...	200 0 0
Do.	Bdg. insured; contents unknown.	By telephone at 5-10 a.m.	By firemen with 3 steamers and 2 hydrants.	From main at 5-20 a.m.	A building of two floors and contents severely damaged by fire and roof off	6,000 0 0
Light thrown down.	Building not insured; contents insured.	By telephone at 2-40 a.m.	By employés.....	Stored on premises.	A quantity of stock damaged by fire and water in a ground floor godown	700 0 0
Spark from incinerator shaft.	Not insured.	By telephone at 12-7 p.m.	By firemen with one hydrant.	From main at 12-20 p.m.	A cudjan roofing burned out on open ground	150 0 0
Careless use of oil lamp.	Do.	Reported by Police at 4-30 p.m.	By inmates	Stored on premises.	A jawli hut and contents severely damaged by fire ...	250 0 0
Stone in machinery.	Contents and building insured.	Reported by Police at 5-45 p.m. on 28-10-98.	By mill employés with private appliances.	Do.	A large quantity of cotton damaged by fire and water in blow-room on ground floor	4,000 0 0
Light thrown down.	Not insured.	By telephone at 12-3 p.m.	By inmates	Do.	A jawli hut slightly damaged by fire ...	2 0 0
Kerosine oil lamp upset.	Contents and building not insured.	By telephone at 11-45 p.m.	By firemen with 2 steamers and 1 hydrant.	From main at 11-58 p.m.	A building of 2 floors about 30×20 feet (used as shop and dwelling) and contents severely damaged by fire and roof off	11,000 0 0
Careless use of kerosine lamp.	Building and contents not insured.	By stranger at 11-45 p.m.	By inmates	Stored on premises.	Some date matting burned on 1st floor.	1 0 0
Friction	Do.	By telephone at 3-5 p.m.	By firemen and mill employés with 1 hydrant and mill appliances.	From main at 3-9 p.m.	A quantity of loose cotton damaged by fire and water in blow-room	500 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1898.					
62	23rd Nov.	2-20 a.m.	Duncan Road	Maroti Dhunkojee ...	Private	Maneckchund Jadowji.
63	27th „	12-59 p.m.	Lal Baugh Road, Parel (Jam Manufacturing Mills Co.)	Jairam Damaji & Co.	Cotton spinners ...	Jairam Damjee & Co.
64	30th „	11-2 a.m.	Ridge Road, Malabar Hill.	Sir Louis Kershaw & others.	Private	Lady Sassoon .....
65	7th Dec.	4-30 p.m.	Malet Bunder	B. E. Kasinath	Coal merchant	The Port Trust.....
66	8th „	1-45 „	Do. ...	Do. ...	Do. ...	Do. ...
67	10th „	8-10 a.m.	Musjid Bridge Road.	Messrs. Ralli Brothers.	General merchants.	Do. ...
68	19th „	8-47 „	Abdul Rahiman St.	Tribuwan Mahadoo...	Goldsmith	Shittaram Pandurang.
69	21st „	2-28 „	Kamattipura 8th Street.	Mulloo bin Mulloo ...	Private	Bulloo Luxuman.....
70	23rd „	2-25 p.m.	Nesbit Lane, Byculla.	Richardson and Cruddas.	Iron Founders and Contractors.	Richardson and Cruddas.
71	24th „	1-55 „	Wari Bunder.....	G. I. P. Railway Company.	.....	.....
72	27th „	4-19 „	De Lisle Road	Munsharam Gulab ...	Milkman	Syed Meer Ali .. ..

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs.	a.	p.
Careless use of fire whilst cooking.	Building insured; contents not insured.	By telephone at 2-25 a.m.	By firemen with hand pump.	From main at 2-35 a.m.	About 2 and 3 feet of wood flooring on 1st floor slightly damaged by fire and breakage	5	0	0
Friction	Building and contents insured.	By telephone at 1-1 p.m.	By firemen and employés with hand pumps and buckets.	Stored on premises.	A quantity of loose cotton damaged by fire and water in blow-room	2,000	0	0
Overheat of hot water apparatus.	Contents unknown; building insured.	By telephone at 11-10 a.m.	By inmates and firemen with buckets.	Do. ...	Roof slightly damaged by fire and breakage	20	0	0
Unknown	Insured	By stranger at 4-45 p.m.	By firemen with 1 hydrant.	From main at 5 p.m.	Centre portion of a stack of coal of about 500 tons severely damaged by fire.....	700	0	0
Do. ...	Do. ...	By stranger at 2 p.m.	Do. ...	From main at 2-10 p.m.	Centre portion of stack of coal of about 350 tons damaged by fire.	300	0	0
Do. ...	Contents and building insured.	By telephone at 8-14 a.m.	By employés and firemen with buckets.	Stored on premises.	Several bags of grain slightly damaged by fire and water in godown on ground floor.....	100	0	0
Light thrown down.	Building and contents not insured.	By telephone at 8-52 a.m.	By inmates	Do. ...	A ground floor building and contents in loft slightly damaged by fire.....	5	0	0
Careless use of oil lamp.	Do. ...	By telephone at 2-31 a.m.	By firemen with 1 hydrant.	From main at 2-38 a.m.	A building of 3 floors upper floor and contents severely damaged by fire and part of roof off, contents under by water.	750	0	0
Tar boiling over.	Not insured.	By stranger at 2-30 p.m.	Do. ...	From main at 2-37 p.m.	A quantity of tar and pitch destroyed by fire on ground floor.....	300	0	0
Light thrown down.	Insured ..	By telephone at 2 p.m.	By Port Trust and Railway employés with 1 steamer and 2 hydrants and firemen with 1 hydrant.	From main at 2 p.m.	A goods shed about 400×30 feet and contents slightly damaged by fire and water, part of roof off	500	0	0
Careless use of fire.	Not insured.	By Police at 4-20 p.m.	By firemen with 1 hydrant.	From main at 4-25 p.m.	A jawli hut and contents nearly burned out and 2 buffaloes burned to death ...	420	0	0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1899					
73	1st Jan.	2-45 a.m.	2nd Panjrapole Lane.	Nathulal Bhugwandass.	Sugar refiner	Jamsetjee Hormusjee
74	2nd „	11-5 „	Fergusson Road, Presidency Mill.	Ranchordass Narotamdass & Co.	Cotton spinners ...	Ranchordass Narotamdass & Co.
			33 Kalbadevi Road.	J. V. Navlakhi & Co.	Stationer	Luxuman Ganesh.. ...
75	„ „	1-30 „	32 Do. ...	Ardeshir Hormasjee Todiywalla.	Photographer	Do. ...
			7 Kolbhat Lane ...	Let out in tenements	.....	Do. ...
76	3rd „	5-30 „	Dharavi, Mahim ...	Noor Mahomed Joosub.	Leather merchant .	Haji Esmail Mahomed Gulla Mahomed.
77	4th „	4-20 p.m.	Malet Bunder	B. E. Kasinath	Coal merchant	The Port Trust.....
78	„ „	8-15 „	Parel Road Cross Lane.	Hassanalli Suleman ...	Cloth merchant ...	Hassanulli Suleman ...
79	5th „	6-10 a.m.	Cambay Street, Frere Road.	Casiram Chimajee and others.	Cart drivers.....	The Port Trust.....
80	7th „	2-49 p.m.	De Lisle Road (Wadia Mill).	Jairam Narayen and Co.	Cotton spinners ...	Jairam Narayen & Co.
81	7th „	11-30 „	Grant Road	Dinsha Dorabjee and Co.	Engineers & Founders.	Dosa Kooverjee Barucha.
82	9th „	8-45 a.m.	Malet Bunder	B. E. Kasinath.....	Coal merchant	The Port Trust.....

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Over boiling sugar.	Contents insured; bdg. not insured.	By telephone at 2-50 a.m.	By inmates	Stored on premises.	A small quantity of sugar destroyed in godown on ground floor	10 0 0
Stone in machinery.	Bdg. and contents insured.	By telephone at 11-31 a.m.	By mill sprinkler and employés with hydrant.	Do. ...	A quantity of loose cotton damaged by fire and water in blow-room	2,500 0 0
Unknown	Contents insured; building unknown.	By telephone at 1-35 a.m.	By firemen with 1 steamer and 2 hydrants.	From main at 1-50 a.m. short supply for 10 minutes, afterwards plentiful.	A building of two floors and contents nearly burned out and roof off	10,500 0 0
Do. ...	Contents insured.	.....	.....	.....	A building of two floors and contents severely damaged by fire and part of roof off	4,500 0 0
Do. ...	Unknown.	.....	.....	.....	Rear of building damaged by fire and heat.....	500 0 0
					Total loss ...Rs.	15,500 0 0
Careless use of fire.	Contents insured; bdg. not insured.	By Police at 5-50 a.m.	By firemen with 1 manual and 1 hydrant.	From main at 6-10 a.m.	A tiled shed and contents damaged by fire and water and part of roof off.....	200 0 0
Unknown	Insured ...	By telephone at 4-30 p.m.	By firemen with 1 hydrant.	From main at 5-10 p.m.	Centre portion of stack of coal of about 700 tons damaged by fire.	1,500 0 0
Careless smoking.	Unknown.	By telephone at 8-16 p.m.	By inmates	Stored on premises.	Some wearing apparel damaged by fire on ground floor	30 0 0
Careless use of kerosine oil lamp.	Not insured.	By fireman on duty at sig. camp at 6-15 a.m.	By firemen with 1 hydrant.	From main at 6-25 a.m.	A jawli hut and contents nearly burned out by fire	200 0 0
Unknown	Bdg. and contents insured.	By telephone at 2-50 p.m.	By mill employés with private hydrant.	Stored on premises.	A quantity of cotton dust burned on roof of mill.....	*Nil.*
Spark from fire...	Contents insured; bdg. not insured.	By telephone at 11-50 p.m.	By inmates	Do. ...	Wooden portion in foundry slightly damaged by fire ...	2 0 0
Spontaneous combustion.	Insured ...	By telephone at 9 a.m.	By firemen with 1 hydrant.	From main at 9-10 a.m.	Centre portion of a stack of coal of about 350 tons slightly damaged by fire.	200 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
83	1899. 10th Jan.	12-30 p.m.	Marine Lines.....	B.	B. & C. I. Railway	Company .....
84	11th „	6-30 a.m.	Ridge Road, Malabar Hill.	Let out in tenements.....		.....
85	„ „	2-10 „	Fergusson Road, Parel (Damodar Lakhamidass Mill).	Lakhmidass Khimjee & Co.	Cotton spinners ...	Lakhmidass Khimjee & Co.
86	12th „	7-30 „	Worli Coliwada ...	Pandoo Sukroo.....	Private	Verjee Vandass .....
87	14th „	11-50 p.m.	British India S. N. Company's Dry Dock, Mazagon.	British India Mackinnon,	Steam N. Company's Mackenzie & Co.,	S S. India. Agents.
88	15th „	12-58 a.m.	Thomas Street, Lower Colaba.	Yesodas Shanka.....	Private	The Colaba Land Mill Co.
89	15th „	1-25 p.m.	Gilder Street.....	Hajee Jan Mahomed and others.	Milkmen	Framroz Jamshed.....
90	18th „	7-40 „	Store Lane, Fort ...	Khodabux Behram ...	Eating House	Sorabjee M. Pawvala.
91	19th „	8-1 a.m.	Malet Bunder	B. E. Kasinath	Coal merchant	The Port Trust .....
92	20th „	7-40 p.m.	Nagdevi Street.....	Noor Mahomed Essa.	Tailor	Salebhoy Heptoola ...
93	21st „	8-57 „	Haines Road, Byculla.	Rama Vitto and others.	Carters	Gharamji Balajee ...
94	25th „	5-30 „	Pedder Road.....	Yusuf Abdulla Murali Dharamsey.	Private	Yusuf Abdulla Murali Dharamsey.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Spark from Locomotive.	Not insured.	By telephone at 12-40 p.m.	By firemen with 1 hydrant.	From main at 12-55 p.m.	A quantity of building material damaged by fire on open ground	300 0 0
Children playing with matches.	Not insured	None received.	Burned out.....	None used ...	A jawli hut and contents burned out ...	280 0 0
Unknown	Contents and building insured.	By telephone at 2-15 a.m.	By firemen with 3 steamers.	From main at 2-30 a.m.	A building of 3 floors, upper floor about 100×100 feet (used as cotton store) and contents severely damaged by fire and water, contents on 1st floor damaged by water.....	85,000 0 0
Careless use of fire place.	Not insured.	By Police at 7-35 a.m.	By inmates	Stored on premises.	Some old matting damaged by fire on ground floor	*Nil.*
Unknown	Insured ...	By telephone at 12-3 a.m.	By firemen and ship's crew with 3 steamers and 1 hydrant and private appliances.	From main at 12-15 a.m. and sea.	Fore and after hold and contents damaged by fire, heat and smoke.....	5,000 0 0
Oil lamp.....	Contents not insured; bdg. insured.	By stranger at 12-59 a.m.	By firemen	None used ...	A small quantity of firewood damaged by fire on ground floor	1 0 0
Light thrown down.	Contents and building not insured.	By telephone at 1-30 p.m.	By firemen with 1 steamer and 1 hydrant.	From main at 1-40 p.m.	A tiled shed (used as stable) and contents damaged by fire and part of roof off, and a buffalo calf burnt to death	250 0 0
Careless use of fire.	Contents not insured; bdg. unknown.	By Police at 7-48 p.m.	By inmates	Stored on premises.	A carpet slightly damaged by fire on ground floor	1 0 0
Spontaneous combustion.	Not insured.	By stranger at 2-50 a.m.	By firemen with 1 hydrant.	From main at 3-30 a.m.	Centre portion of a stack of coal of about 500 tons damaged by fire	100 0 0
Kerosine oil lamp exploding.	Contents not insured; bdg. insured.	By telephone at 7-45 p.m.	By inmates	Stored on premises.	A quantity of wearing apparel damaged by fire on ground floor	200 0 0
Kerosine oil lamp upset.	Not insured.	By stranger at 9 p.m.	By firemen with 2 hydrants.	From main at 9-9 p.m.	A jawli hut (used as stable) severely damaged by fire ...	250 0 0
Oil lamp.....	Unknown..	By telephone at 5-46 p.m.	By inmates	Stored on premises.	A mandap about 60×50 feet and contents severely damaged by fire, water and breakage	7,000 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
95	1899, 30th Jan.	4-30 a.m.	Grant Road	Yusuf Hajee Dada ...	Merchant	Hajee Sheriff Ismail...
96	2nd Feb.	2-43 p.m.	Malet Bunder	Kaloo Bhugrah & others.	Carters	The Port Trust.....
97	,, ,,	2-1 a.m.	Walkeshwar Road..	Syubdin Kulloo	Dhobi	Moorardass Vijmohandass.
98	3rd ,,	9-1 p.m.	Gun Carriage Street, Lower Colaba.	Rama Sakharam	Cart Driver	Vinayek Dhondoo ...
99	4th ,,	12-30 a.m.	2nd Coliwada Mandvi.	Mamtai (woman)	Private	Mahadoo Dhurma ...
100	7th ,,	12-15 p.m.	Mody Khana, Frere Road.	Health Camp	.....	.....
101	,, ,,	2-44 a.m.	Bellasis Road.....	The Byculla Club ...	.....	.....
102	12th ,,	10-10 p.m.	Mori Road, Mahim	Luxuman Dajee and others.	Private	Luxuman Dajee .....
103	23rd ,,	6-33 ,,	Gorupdev Road, Narelwadi.	Ambabai and others...	Do. ...	Tar Mahomed Khoja.
104	,, ,,	11-43 ,,	3rd Lane, Kamatipura.	Raju Babajee	Do. ...	Raju Babajee .....
105	26th ,,	3-55 a.m.	Old Sonapur Lane..	Hewlan Sutan and others.	Grocers, &c.	Sonabai (woman) ...
106	,, ,,	7-1 ,,	Malet Bunder	B. E. Kasinath	Coal merchant	The Port Trust.....

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	
Careless use of fire.	Unknown.	By Police at 5-40 a.m.	By inmates ...	Stored on premises.	Contents of a room on ground floor slightly damaged by fire ..	12 0 0
Light thrown down.	Not insured.	By telephone at 2-44 p.m.	By firemen with 5 hydrants, Railway & Port Trust employes with private appliances.	From main at 3 p.m.	A range of corrugated and cudjan roofed sheds (used as dwellings and stables) and contents nearly burnt out	1,000 0 0
A spark from fire.	Do. ...	None received.	By inmates	Stored on premises.	A quantity of wearing apparel damaged by fire on ground floor.	100 0 0
Kerosine lamp exploding.	Contents not insured; building insured.	By stranger at 9-3 p.m.	Do. ...	Do. ...	A kerosine lamp destroyed and some wearing apparel damaged by fire on 3rd floor	2 0 0
Light thrown down.	Not insured.	By stranger at 12-31 a.m.	Do. ...	Do. ...	Some coir matting burned on 1st floor..	1 0 0
Spark from fire...	Do. ...	By fireman on duty at Camp at 12-15 p.m	By firemen with 1 hydrant.	From main at 12-18 a.m.	A jawali shed burned out	5 0 0
Japanese lantern.	Do. ...	By fireman on duty at the Club at 2-44 a.m.	Do. ...	From main at 2-45 a.m	A covered shamiana slightly damaged by fire on open ground	2 0 0
Careless use of oil lamp.	Do. ...	By Police at 10-15 p.m.	Do. ...	From main at 10-20 p.m.	A jawali hut and contents severely damaged by fire ...	50 0 0
Do. ...	Do. ...	By telephone at 6-35 p.m.	By firemen with 1 steamer and 1 hydrant.	From Municipal and private main at 6-43 p.m.	Two large cudjan sheds, each about 25 and 50 feet (used as dwellings and stables) and contents severely damaged by fire ...	472 0 0
Light thrown down.	Do. ...	By telephone at 11-44 a.m.	By inmates	Stored on premises.	A quantity of dry grass burned in a shed (used as stable)	5 0 0
Kerosine oil lamp upset.	Building insured; contents not insured.	By telephone at 4-1 a.m.	By firemen with 2 hydrants.	From main at 4-15 a.m.	A ground floor chawl (used as shops and dwellings) severely damaged by fire and part of roof off	1,600 0 0
Unknown	Insured ...	By telephone at 9-30 a.m.	By firemen with 1 hydrant.	From main at 9-45 a.m.	Centre portion of a stack of coal of about 900 tons severely damaged by fire.....	3,000 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1899.					
107	27th Feb.	12-30 a.m.	Bazar Road, Kamatipura.	Krustna Moorarjee ...	Tailor	Dia Purshotum.....
108	28th ,,	3-1 p.m.	Malet Bunder	B. E. Kasinath.....	Coal Merchant	The Port Trust.....
109	3rd March	9-7 ,,	4th Grant Building, Colaba.	Mr. Armstrong.....	Private	H. H. Aga Khan .....
110	4th ,,	6-1 a.m.	Malet Bunder	B. E. Kasinath.....	Coal merchant	The Port Trust.....
111	14th ,,	4-48 p.m.	Pasta 3rd Lane, Lower Colaba.	Messrs. J. L. Kerston & Co. and others.	Cotton merchants...	Chanda Ramjee .....
112	19th ,,	4-45 ,,	Gunbow Street, Fort.	Hesrjeebhoy Maneckjee.	Provision merchant	Merwanjee Dorabjee..
113	22nd ,,	1-45 ,,	Kamatipura 6th Lane.	Saima Sidhoo (woman).	Private	Saima Sidhoo (woman).
114	23rd ,,	,, ,,	Malet Bunder	B. E. Kashinath and Esso Oomer.	Coal merchants.....	The Port Trust.....
115	30th ,,	7-50 ,,	3rd Pasta Lane, Lower Colaba.	Lalchund Ramdayal.	Cotton merchant ...	Sir D. M. Petit .....

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Light thrown down.	Not insured.	Reported by stranger at 8 a.m.	By inmates	Stored on premises.	Some rubbish burned on ground floor.....	*Nil.*
Spontaneous combustion.	Do.	By telephone at 5 p.m.	By firemen with 1 hydrant.	From main at 6-15 p.m.	The centre portion of a stack of coal of about 300 tons severely damaged by fire.....	1,000 0 0
Careless use of kerosine oil lamp.	Building insured; contents not insured.	By Police at 9-8 p.m.	By inmates	None used ...	A bed and bedding damaged by fire on 3rd floor	5 0 0
Spontaneous combustion.	Insured ...	By telephone at 6-45 p.m.	By firemen with 1 hydrant.	From main at 7-5 a.m.	Centre portion of a stack of coal of about 900 tons damaged by fire ...	500 0 0
Light thrown down.	Contents and building insured.	By Police at 4-49 p.m.	Do. ...	From main at 4-53 p.m.	A quantity of loose hemp and a number of bales of pressed cotton damaged by fire and water in a ground floor godown	1,800 0 0
Cocoanut oil boiling over.	Not insured.	By stranger at 4-47 p.m.	By inmates	Stored on premises.	A small quantity of cocoanut oil destroyed on 2nd floor.	1 0 0
Careless use of fire while cooking.	Do. ...	By telephone at 1-50 p.m.	Do. ...	Do. ...	Contents of a room on 2nd floor slightly damaged by fire ...	2 0 0
Spontaneous combustion.	Insured ...	By telephone at 1-58 p.m.	By firemen with 1 hydrant.	From main at 2-30 p.m.	The centre portion of two stacks of coal of about 150 and 600 tons slightly damaged by fire ...	Unknown.
Light thrown down.	Do. ...	By Police at 7-55 p.m.	Do. ...	From main at 8-5 p.m.	A number of bales of pressed cotton slightly damaged by fire and water on open ground ...	400 0 0

L.—PUBLIC GARDENS.

The following gardens were maintained during the year under report :—

(*a*) Victoria Gardens.
(*b*) Elphinstone Circle Garden.
(*c*) Northbrook Garden.
(*d*) Malabar Hill Garden.
(*e*) Bazaar Gate Garden.
(*f*) Falkland Road Garden.
(*g*) Dick's Tank Garden.
(*h*) Garden on the Flats.
(*i*) Municipal Office Garden.
(*j*) Sir Cowasji Jehangir Garden.

2. The total number of visitors to the Victoria Gardens during the year under report was 788,890, showing a slight increase of 26,079 on the last year, but a decrease of nearly 3 lacs as compared with the year before. The decrease can be attributed, of course, to the presence of plague in the City.

3. The metalling of roads was continued as in the previous year, and all the roads were repaired and maintained in thorough order during the year under report.

4. The work of laying out new water pipes was kept in abeyance until almost at the close of the year under report, the Commissioner's order was received to expend the grant. No branch pipes, however, could be laid out as the pressure in the existing 3″ main, running along the central avenue, was not deemed sufficient to meet even the present number of branches, and consequently under the advice of the Deputy Executive Engineer, Water Works, the 3″ main had to be replaced by a 4″ one to increase the pressure. This was done as far as the grant permitted and the result has been somewhat successful.

5. As in the previous year small drains across roads were constructed to carry the accumulated rain-water to the existing main drain. An estimate is now being prepared to construct other branches to the main drain in the newly acquired portion of the gardens.

6. The refreshment room in the Victoria Gardens, after a lapse of 12 months, was occupied for a period of 3 years at a monthly rental of Rs. 25. The present lessee conducts it on a very decent scale and will, it is believed, tend to draw a large custom from the more respectable class of visitors, whose wants were not properly attended to by the previous occupants.

7. Some of the lawns were again levelled, weeded, and newly turfed, and others that have gone bad are being gradually improved.

8. The shrubberies, during the year under report, were given considerable attention to. In addition to digging and manuring all the shrubberies, some that had degenerated and looked skinny and unthrifty, were entirely newly planted out with different kinds of flowering shrubs. A few very old and scraggy trees, which interfered with other rare ones and prevented the turf from growing on the lawns, were felled. A few rockeries, with different kinds of foliage plants, were constructed also. The lawn and carpet beds in front of the Clock Tower were returfed and relaid out.

9. The entire double row of ornamental beds along the central avenue was renewed and laid out with a new design, which has drawn particular notice of the visitors.

10. The ornamental waterponds were dredged out to some extent, and the banks newly turfed and repaired.

11. Four hundred and sixty-one plants were supplied to the Executive Engineer's Department for road-side plantation during the year under report.

12. New quarters for twenty mallees were completed and occupied during the year under report, and up to now there have been no cases of plague amongst the occupants, particular care being taken to keep the chawl and its surroundings clean and healthy. No privies, however, have yet been provided for these chawls, which causes considerable inconvenience to their inmates and endangers their health. The work has been sanctioned since the 13th of February last, but up to now it has not been taken in hand.

13. The work of constructing quarters in the garden for the Assistant Superintendent was taken in hand during the year under report and is now approaching completion, but as the surroundings of the place remain very swampy and unhealthy during the monsoons they cannot be occupied till after the rains are over.

14. The work of filling in the new portion of the garden, which is submerged more or less during the rains, has been sanctioned and will be completed soon.

15. A portion of the masonry of the Clock Tower again came down damaging the clock work to some extent. Proposals for repairing the same are now being submitted to the Commissioner through the Executive Engineer.

16. The railing of the Kangaroo and Ostrich enclosures, which was old and in a broken down condition, was removed and a new railing of a better type was substituted in its place.

17. Attempts are still being made to increase the stock of new, rare and useful plants, both flowering and ornamental, to meet with the public demand. The usual annuals made a good show during the year under report. Certain portions of the Garden are now being turned into flower beds to increase the supply of cut flowers, thus ensuring a continuous supply of them to the end of the hot season.

18. In spite of the financial difficulties and the consequent curtailment of expenditure, and the dirth of intelligent and skilful workmen since the outbreak of plague, the gardens were kept up to the usual standard of neatness and order.

19. All the other public gardens were maintained in their usual condition, slight improvements being effected wherever necessary. The Northbrook Gardens still continue to be occupied for plague purposes.

20. The Zoo was kept up in *status quo*, minor improvements regarding accommodation being carried out here and there as required. A better aspect of things in this direction may now be anticipated, as a supplementary grant of Rs. 5,000 has been provided in the new budget for further improvements.

21. A list of new plants added to the collection during the year under report has been shown in appendix A attached to this report.

22. The following animals were added to the collection during the year under report by purchase :—

1 Malbrouck monkey.	1 Nilgai.
1 Rock kangaroo.	1 Antelope.
3 Crown pigeons.	1 Spotted deer.
2 Red-breasted parrots.	1 Slender billed cockatoo.
2 Bridled wallabies.	3 Black swans.
2 Silver pheasants.	1 Vulpine phalanger.
2 Ring-necked pheasants.	1 Grey-headed lemur.

and a collection of 100 ducks and 12 flamingoes from Jeypore.

23. The following animals were added to the collection during the year under report by presentation :—

1 Pelican.	By Mr. F. H. Scott Elliott.
1 Indian antelope.	„ Mrs. D. M. Elliott.
1 Indian antelope.	„ Mr. F. Maidment.
1 Leopard.	„ The Administrator of Chota Oodey-[pore.
1 Rose-crested cockatoo.	„ Mr. Moosabhai Adamji.
1 Rib-faced deer.	„ Mr. A. W. Flanagan.
1 Spotted deer.	„ Mr. C. H. Myers.
1 Nilgai.	„ Mr. Counsell.
1 Hog deer.	„ Mr. Harper, F.Z.S.
1 Dingo.	„ Messrs. Tulloch and Allen.
1 Malbrouck monkey.	„ Count Pfeil.
1 Arabian gazelle.	„ Mr. E. Elliott.
1 Arabian gazelle.	„ Messrs. Ludha Ebrahim & Co.
1 Bison calf.	„ Mr. E. L. Cappel, I.C.S.
3 Four-horned antelopes.	„ Mrs. F. L. G. Simpson.
1 Arabian gazelle.	„ Rao Saheb K. N. Sellar.
1 Lion-tailed monkey.	„ Mr. Archdeacon.

24. The following animals were among those that died during the year under report—

1 Ring-tailed Lemur.	1 Bridled wallaby.
2 Rock wallabies.	1 Black swan.
1 Silver pheasant.	1 Gazelle.
2 Sloth bears.	1 Crown pigeon.
2 Antelopes.	2 Flamingoes.

1 Bison calf and some birds and smaller animals.

25. The budgetted and actual expenditure for the year of the different gardens is shown below :—

	Names of Gardens.	Total amount sanctioned.	Expenditure.
		Rs. a. p.	Rs. a. p.
(*a*)	Victoria Gardens	55,041 7 1	51,998 6 4
(*b*)	Elphinstone Circle Garden	2,260 0 0	2,081 11 4
(*c*)	Falkland Road Garden	520 0 0	449 1 5
(*d*)	Northbrook Garden	1,876 0 0	1,883 8 11
(*e*)	Sir Cowasjee Jehangeer Garden	748 0 0	714 15 3
(*f*)	Bazaar Gate Garden	792 0 0	676 15 0
(*g*)	Garden on the Flats	1,181 2 8	1,236 4 3
(*h*)	Dick's Tank Garden	430 0 0	380 5 0
(*i*)	Malabar Hill Garden	1,430 0 0	1,527 11 4
	Total... Rs.	64,278 9 9	60,898 14 10

APPENDIX A.

26. List of plants added to the Victoria Gardens collection during the year 1898-99. :—

Orchids of sorts
Palms of sorts
Ferns of sorts
Selaginellas of sorts
Chrysanthemums of sorts
Caladiums of sorts
Gloxinias of sorts
Begonias of sorts
Amaryllis of sorts
Liliums of sorts
Geraniums of sorts
Arum sanctum
Calla æthiopica
Cyclemen persicum
Sacred Chinese lily
Gesneria macrantha
" hybrida
Hyacinthus candicans
Acacia auriculiformis
Abutilon firefly
" George's hybrids
" Darwini
Eucalyptus siderophloia
Ipomœa learii
Tradescantia discolor albo-lineata
Lagerstræmia tomentosa var: Londoni
Santalum album
Lophospermum scandens
Hevea braziliensis
Castilloa elastica
Finest Symrna fig
Turkey oak
Nutmeg
Agave vivipara
Prestoa Montana
Musa eusete
" Sumatrana
Fuchsia plants
Leucanthemum grandiflorum
Castanospermum Australe
Sisal hemp
Trincomallee wood
Myroxylon toluiferum
Cherimoyer
Colvillea racemosa

M.—THE VICTORIA AND ALBERT MUSEUM.

1. In the Natural History division the department of Mammals received no important additions except one or two minor specimens. A ring-tailed lemur (*Lemur catta*), which died in the Victoria Gardens, was forwarded by the Superintendent to the Museum. The lemur was skinned and its skin was cured and preserved. The skin with the head mounted is exhibited at the Museum.

2. The department of Birds received numerous additions during the year. The specimens prominent among the additions were as follows:—

One Indian Hoopoe (*Upupa indica*), one Open-bill (*Anastomus oscitans*), two Indian Koels (*Eudynamis honorata*), one Black-necked stork (*Xenorhynchus asiaticus*), two Indian bee-eaters (*Merops viridis*), one Crow-pheasant (*Centropus sinensis*), one pheasant-tailed jacana (*Hydrophasianus chirurgus*), one Indian roller (*Coracias indica*), two Orioles (*Oriolus kundoo*), one Blue rock-thrush (*Petrophila cyanus*), two Indian pittas (*Pitta brachyura*), and one White-necked stork (*Dissura episcopus*). A crowned pigeon (*Goura albertisi*) and a flamingo (*Phœnicopterus roseus*), which died in the Victoria Gardens, were forwarded by the Superintendent to the Museum. These birds were all skinned, cured, stuffed and mounted for exhibition at the Museum.

Also a small collection of Indian birds' eggs was added to the department.

3. To the department of Reptiles no important addition was made during the year.

4. To the department of Fishes and Crustaceans numerous minor specimens were added during the year. The most important among them were the tiger-fish (*Stegostoma tigrinum*), and the saw-fish (*Pristis cuspidatus*). The specimens were cured and preserved in spirits of wine.

5. The department of Entomology received 98 specimens of butterflies, moths, beetles and other insects. The species prominent among the additions were as follows:—

Euthalia garuda, Junonia hierta, Curetis thetis, Mycalesis mineus, Danais grammica, Charaxes imna, Attacus atlas, Antheræa mylitta, and *Actias selene.*

Also several cocoons, particularly of the moth (*Antheræa mylitta*), were added to the department.

The butterflies, moths, beetles and other insects added to the collection were all cured, preserved and mounted for exhibition at the Museum.

6. The department of Geology received a very important addition during the year. The Hon'ble Mr. H. E. M. James, Commissioner of Sind, forwarded to the Museum a model and a piece of a meteorite which fell on the 15th September 1898 at Gambat, a village in the Khairpur State in Sind. The model as well as the piece of the meteorite are both exhibited in the Geological collection in the Museum.

7. In the division of Anthropology very few additions were made during the year. The department of Artware received three highly carved sandalwood boxes and several ivory, ebony and palmwood figures. Also a marble model of the Taj at Agra was added to the collection.

8. The department of Ethnology received an artistic bow with an arrow used by the aboriginal inhabitants of the Andamans and the Nicobar Islands, by presentation from Dr. Geo. M. Dixon, Bombay Medical Service.

9. To the department of Numismatology no addition was made during the year.

10. In the Natural History division the specimens in the various departments were constantly examined and were freely supplied with preservatives. During the year two or three skins of smaller mammals were cured and preserved for exhibition purposes. In the department of Birds 60 birds were skinned and their skins were cured, stuffed and mounted at the Museum. The collections of Reptiles, Fishes and Crustaceans were now and then examined and the additions made in the department of Fishes and Crustaceans were cured and preserved in spirits of wine. Also constant attention was paid to the Entomological collection and the specimens added during the year were cured, preserved and mounted for exhibition at the Museum.

11. In the division of Anthropology the collections of sculptures, figures and models of agricultural and other implements were overhauled and re-arranged. The specimens of valuable cloths and other textile fabrics were examined both before and after the rains and their cases were freely supplied with preservatives. As far as was known the specimens in the various departments were all in good order and preservation.

12. The Museum Library received several important additions during the year.

13. A statement showing how the annual and special grants were utilized will be found in Appendix A at the end of the report.

14. During the year under review the Museum was open to the public for 313 days, and the total number of visitors was 656,840, showing a daily average attendance of a little over 2,098. Last year the Museum was open to the public for 314 days, and the total number of visitors was 641,500, showing a daily average attendance of a little over 2,042. The increase in the number of visitors showed that the general population of the native town during the year under report was much larger than it was during the preceding year, though the plague during the year raged more severely than it did during the two preceding years.

APPENDIX A.

Statement showing how the annual and special grants were utilized :—

Natural History Grant.

		Rs.	a.	p.
1.	Spirits of wine	435	0	0
2.	Sundry preservatives	357	0	0
3.	Natural History specimens	132	0	0
4.	Miscellaneous charges	276	0	0
	Total ... Rs.	1,200	0	0

Grant for Cases.

		Rs.	a.	p.
1.	Materials and labour for repairing and polishing old cases	272	4	0
2.	Minor cases	27	12	0
	Total ...Rs.	300	0	0

Artware Grant.

		Rs.	a.	p.
1.	Sandalwood, ivory, marble and other artware specimens	400	0	0

Special Grant.

		Rs.	a.	p.
	Reference books	489	0	3

PUBLIC HEALTH.

I.—REPORT of Lieutenant-Colonel T. S. WEIR, I.M.S., Executive Health Officer.

II.—REPORT of the SUPERINTENDENT OF LICENSES.

III.—REPORT of the SUPERINTENDENT OF MARKETS.

IV.—RETURN OF STREET ACCIDENTS, forwarded by the COMMISSIONER OF POLICE.

V.—REPORT of the MEDICAL OFFICER IN CHARGE INFECTIOUS DISEASES HOSPITAL, Arthur Road.

I.—REPORT OF THE HEALTH OFFICER.

I have the honour to forward herewith my Annual Report for 1898.

Formation of the Island.

2. Before examining the mortality, it is well to consider the position of Bombay.

Portion of the City.

3. The portion of Bombay on which most of the population live in closely built houses and densely populated habitations lies in a valley between rocky ridges, the centre of the valley being in places below mean sea-level ; on the south side most open to the sea, and raised above the sea-level by sand and alluvial deposits.

4. Up the valley, between hillocks, at one time flowed creeks. These creeks and the hollows, over which the sea water spread, have been largely filled with vegetable matters which have not yet at depths decomposed.

5. There is still underground an ooze where these creeks flowed, and the ground waters of the valley are influenced by the pressure of the sea currents around.

6. The valley of Bombay is most unfavourably situated. Into it flows the rain water from higher lands, the escape of which is obstructed by roadways and buildings, and to the north by a dense clay formation. But happily the soil has a marvellous power of purification, even greater than the air. In the centre of the valley towards which most of the drainage flows, the soil is a stiff clay.

7. The area of Bombay is about 22 square miles, and on a portion of this area there is the most densely crowded population in the British Empire, the six sections of greatest density of population having 227,021 people on an area of 403·28 acres.

8. The following table shows the sections of the greatest density and their populations :—

Section.	Population.	Area in acres.	Persons to an acre.
Khara Talao	27,035	40·33	670·39
Chukla	32,197	51·23	628·47
Kumbharwada	32,209	52·23	616 67
Market	44,751	83·63	535·10
Bhuleshwar	38,363	71·73	534·82
Umarkhadi	52,466	104·13	503·85
Total...	227,021	403·28	

9. In 1895, before the appearance of plague, Bombay was more healthy than any large city in India, and the chances of life were better than in many European towns.

Meteorological conditions.

10. It is fervently hoped that this will be the last of this abnormal cycle of years. The Meteorological Reporter was of opinion, that the remarkable period through which India has passed had terminated, in 1897, and a period of normal conditions, he now thinks, is probable for two or three years.

Temperature.

11. The temperature of the air in April, May, June, July, August, September, October and November was above the average.

12. It is a curious and important fact that the ground temperature since 1896 has been rising at all depths, more or less, except in the cold season, being 84·8 in 1896, 84·9 in 1897, and 86·3 in 1898—5 feet below the ground in each year.

Rainfall.

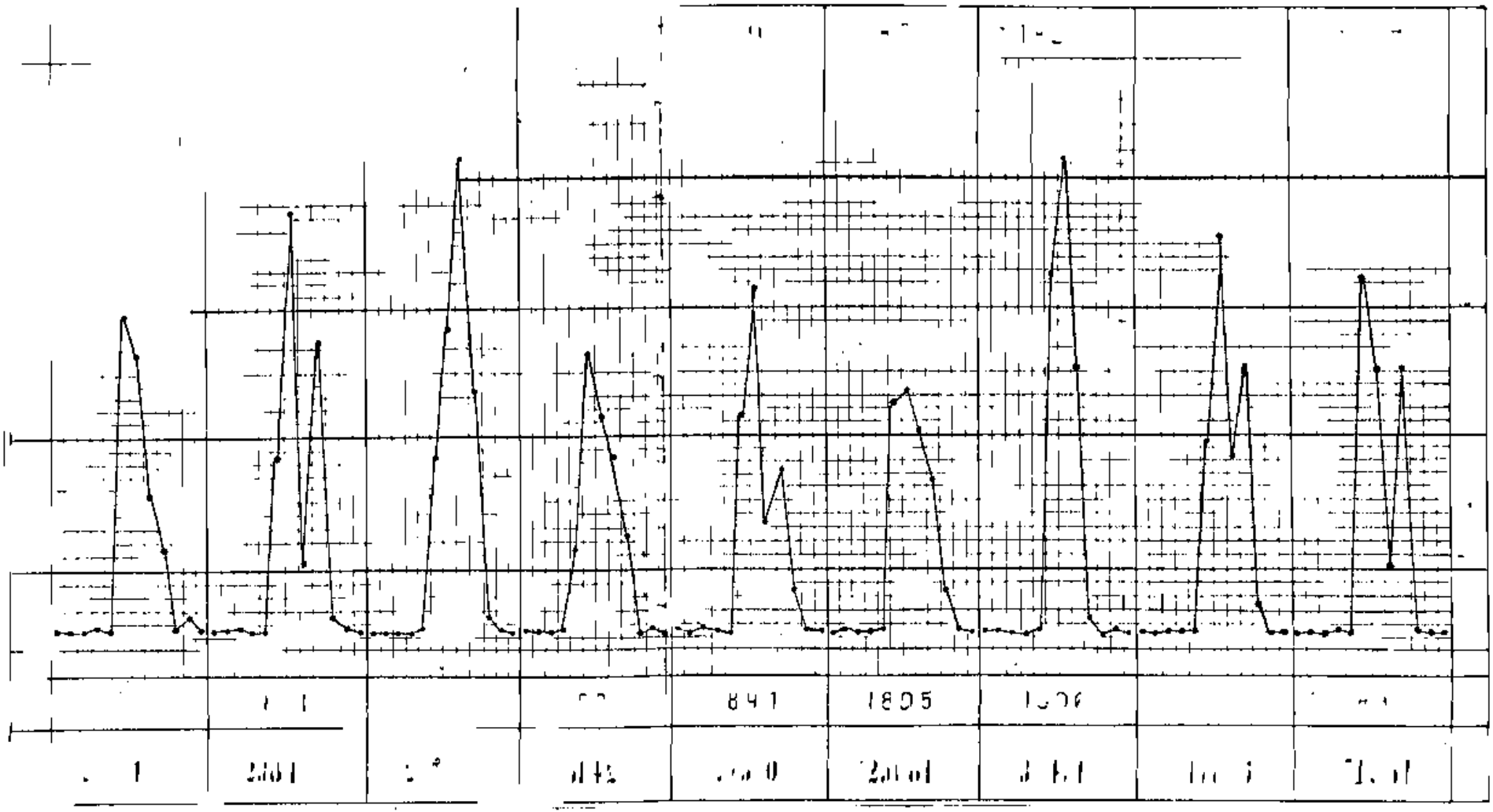
13. The total rainfall for 1898 was 7·44 inches less than in 1897, and 13·56 inches less than in 1896.

14. In a statement forming a portion of this Report is given an abstract of the meteorological observations for 1898 made at Colaba by the Meteorological Reporter to Government.

Other phenomena.

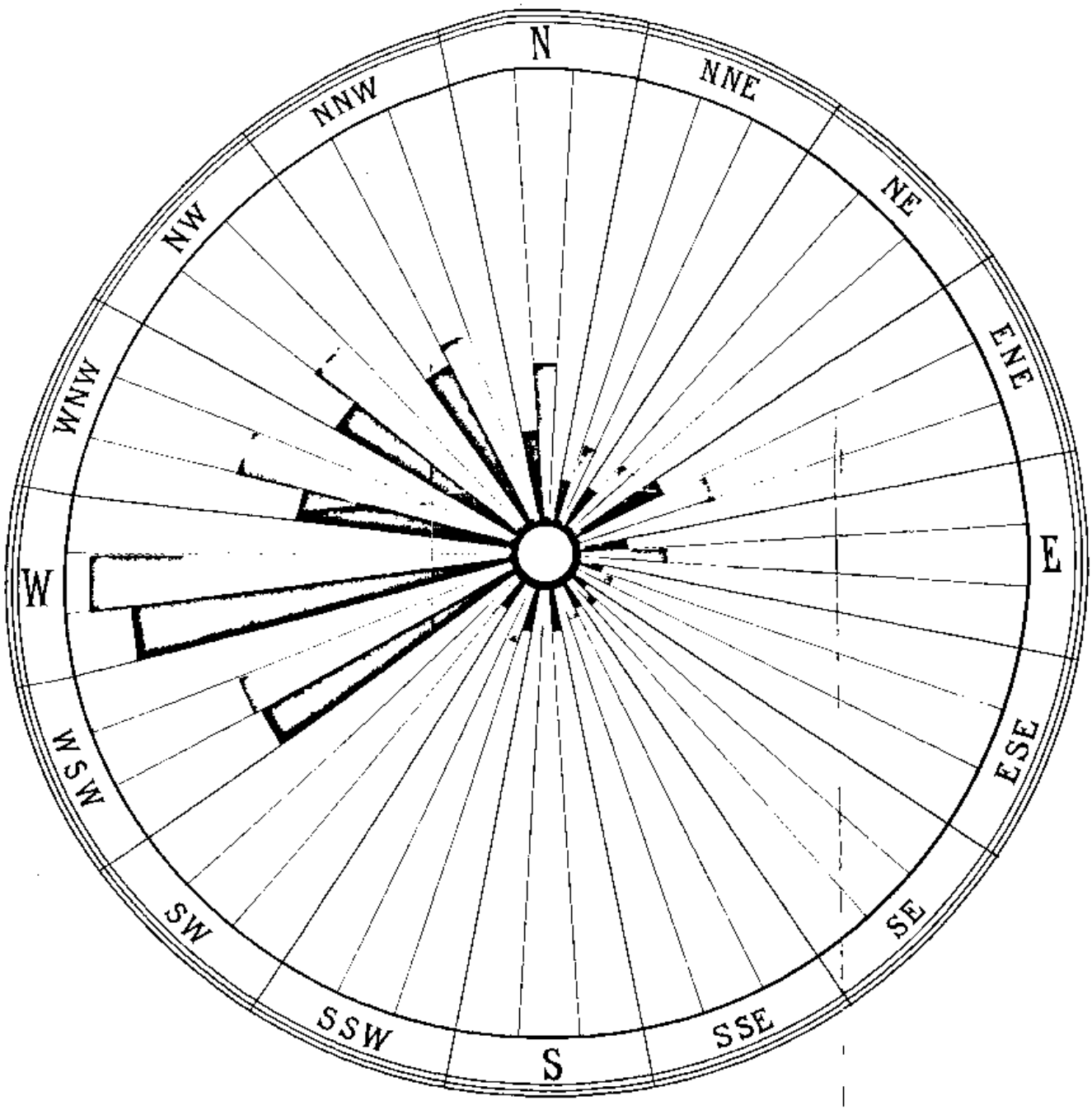
15. There were observed during the year some meteorological phenomena of interest and deserving of notice.

16. On the morning of the 6th of July there was a strong smell, as if sulphuretted hydrogen was generated, over the north of the island, and especially from the salt channels across Matunga and the vacant ground to the north. The smell seemed strongest furthest to the north. At this time a migration of rats had been observed across Sewree, and I believe the smell was due to the decomposition of dead rats, for a number of bodies of rats were afterwards found in the suburbs. The Commissioner of Police and I happened to go over the north of the island on this morning in connection with arrangements being made for the inspection of traffic by the readways into Bombay, and we tried to ascertain the cause. The smell was most offensive, tainting the air far and wide.



DIAGRAM

DURATION, MEAN & AGGREGATE VELOCITIES OF WIND DURING 1898

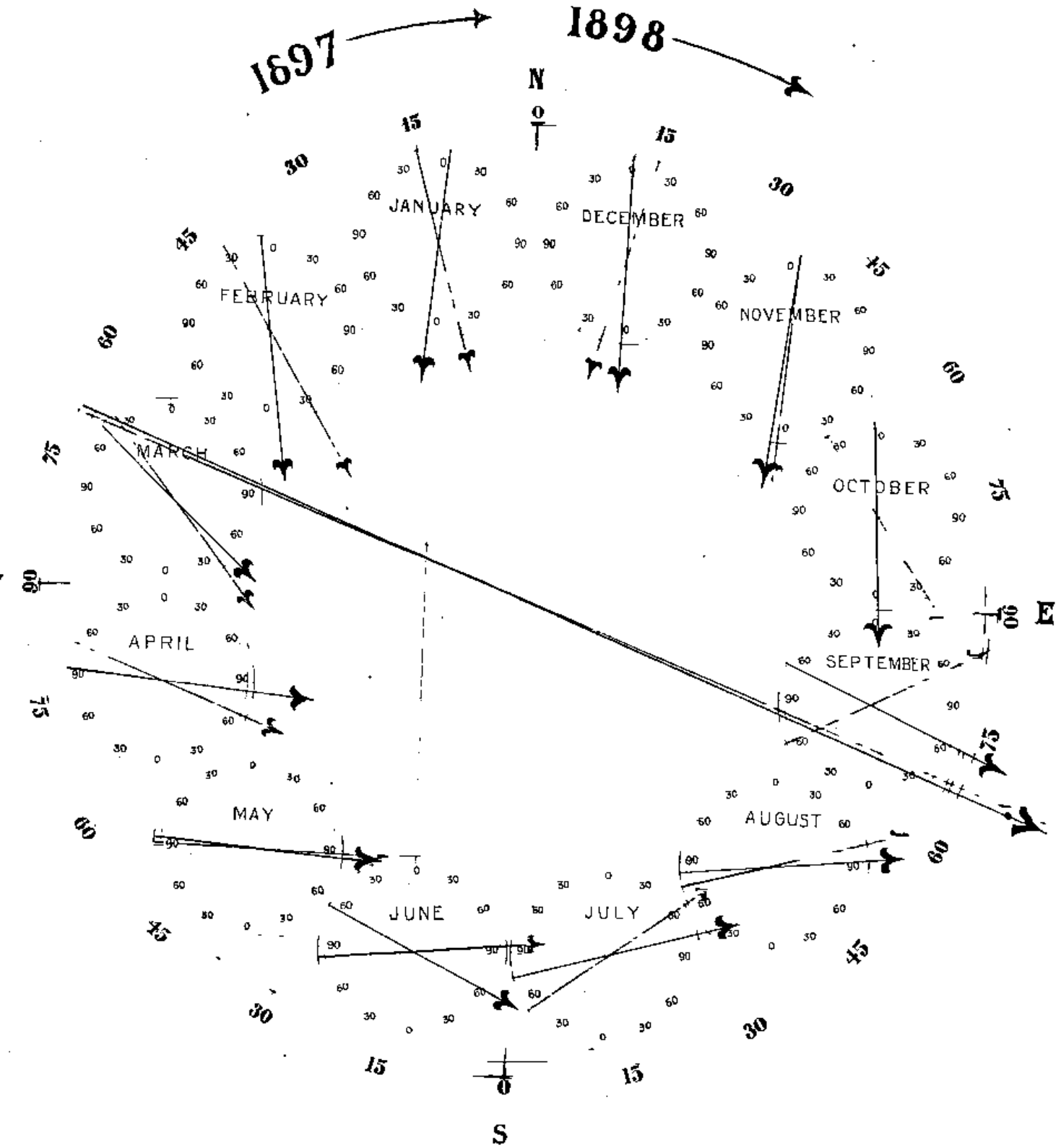


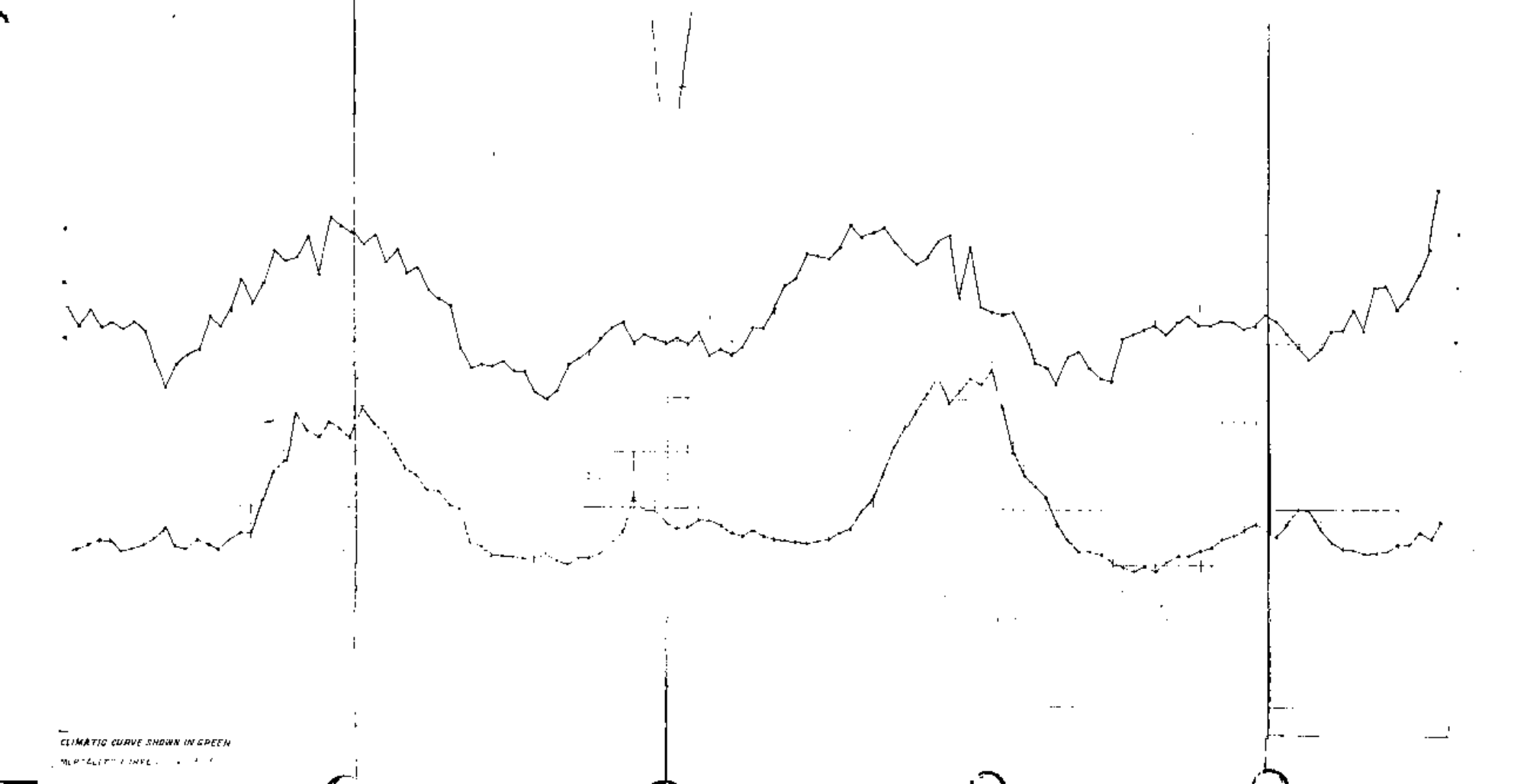
Black or Aggregate Velocity

Red or Duration

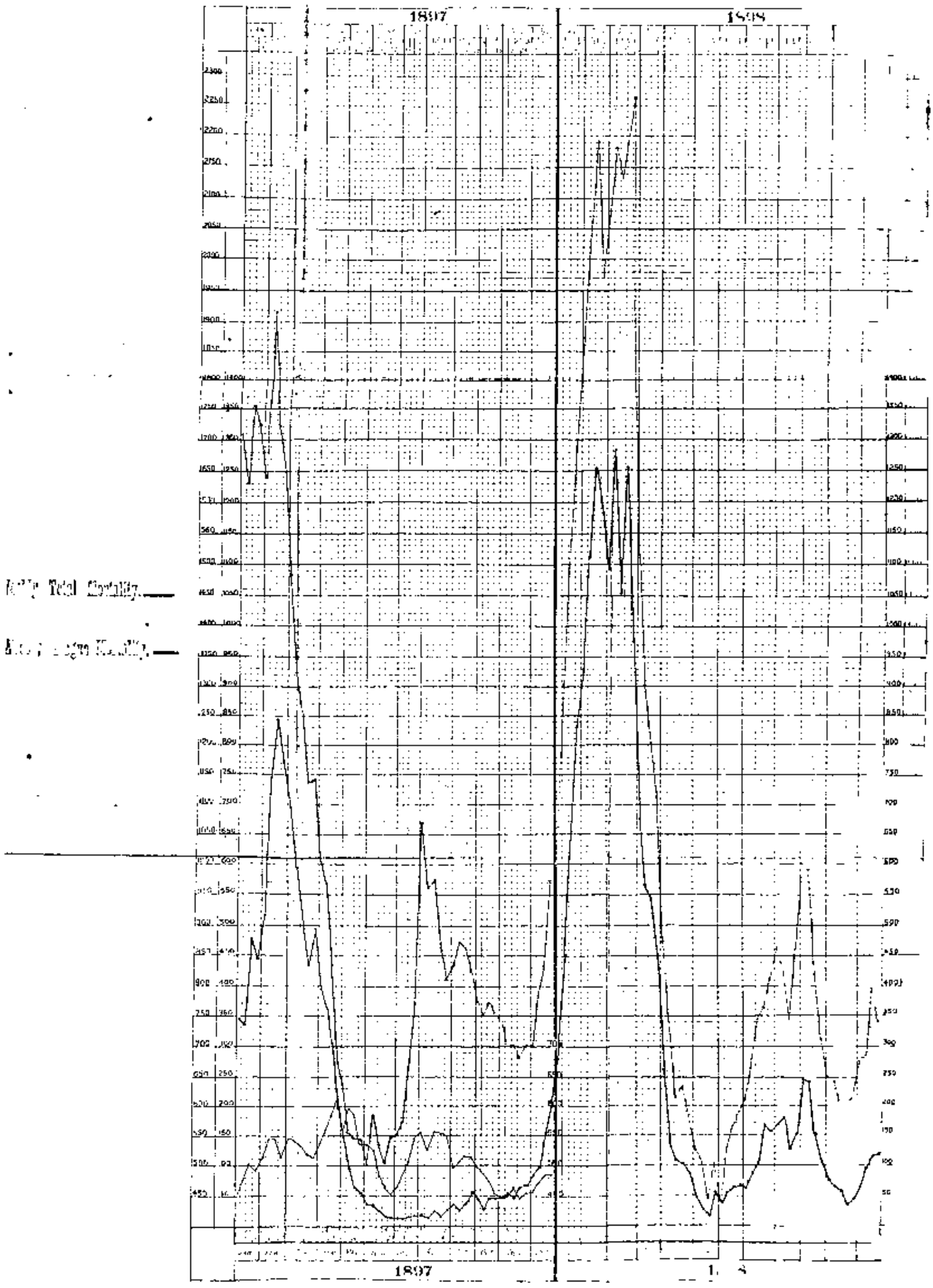
Yellow or Mean Velocity

MONTHLY AND YEARLY MEAN DIRECTION OF WIND.

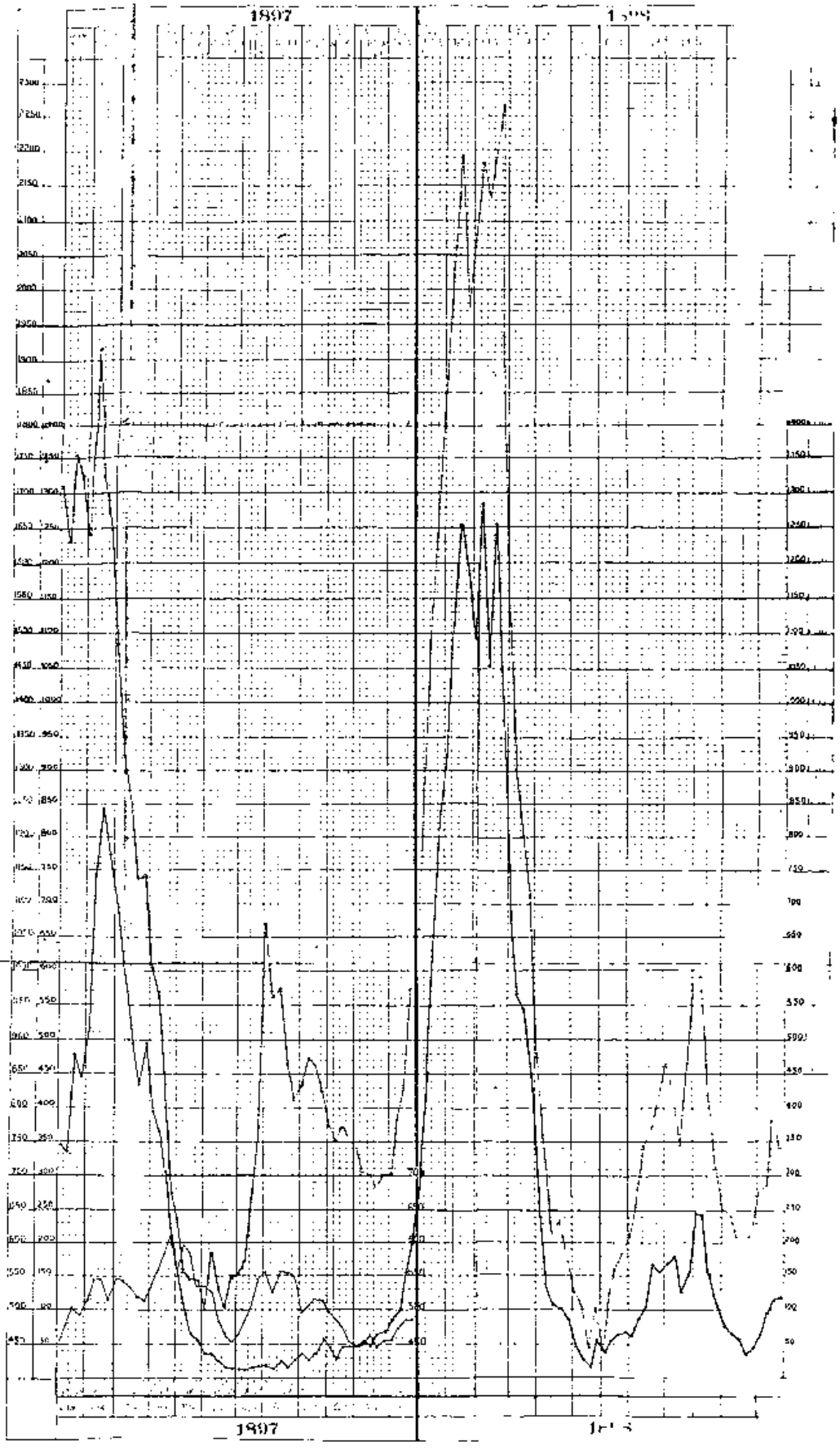



CLIMATIC CURVE SHOWN IN GREEN

Weekly Total and Plague Mortality.



Weekly Total and Fl[illegible] Mortality.



17. A blue haze was often observed in the evenings of September and October, and rainbows which I had not observed in Bombay for a long period. At this season boils were very prevalent.

18. On the 9th of September a gale blew, and the sky looked like a monsoon storm. In the evening rain fell. A little time afterwards dead rats were found on the west foreshore.

19. There were few mosquitoes seen during the epidemic period of 1898, and it seemed as if they had almost disappeared from the island. The disappearance of mosquitoes was again observed in August.

Course of the epidemic and mortality.

20. The epidemic gradually rose from the middle of December 1897 (a little later than in 1896) till on the 9th of February 1898 a mortality of 347 was recorded, followed by a series of repressions and fluctuations till the 16th of March, when the mortality rose to 358, and again on the 18th of March to the same number, from which date the epidemic began to decline, and fell, until in the middle of June and up to the end of August it descended below the mortality in the corresponding months of 1897.

21. From the end of June the mortality began to ascend till it reached its maximum in the second week of October and then fell, but not descending again to the curve of June, and again began to ascend in the first week of December.

22. It has to be remembered that the total mortality from all causes was not as high as the mortality from plague alone in many cities in India. In 1896 the total mortality was only 40·71 per 1,000, in 1897 it was 58·28 per 1,000, and in 1898 it is not over 63·23 per 1,000.

23. The hopes that some sanguine people entertained, that it was only necessary to carry out a few sanitary measures, and the disease of Plague would stop, have been grievously disappointed. We see now after three years of incessant activity against plague that the disease is more virulent and destructive in type than ever. It is not that the mortality is high after what has been done, but it is what it might have been, and it has to be considered what the mortality would assuredly have been, if the measures that have been carried out had not been taken. Whatever the period or whatever the measures, whether of the Health Department or of the Plague Committee, it is marvellous that the mortality has been so low, that the measures have saved so many lives; and equally marvellous that the city has suffered so little.

24. Such was the general course followed by the epidemic in 1898. The view I held was that the epidemic had been prolonged by the concealment of cases, and that the type was intensified by concealment.

25. As soon as I returned from leave in January 1898, I wrote a report commenting on the progress of the epidemic, the measures of the Plague Committee, and the concealment of cases, and recommending certain measures.

Difficulty of obtaining information.

26. The difficulties of obtaining information that beset the Plague Committee were very great. The type of disease, as in former years, was often difficult of recognition. There was a type similar to cholera, and there were types of disease in cases of which it was difficult, even with a bacteriological examination, to establish whether they were plague or relapsing fever.

Types of the disease.

27. The Plague Commission had an opportunity of seeing one of these cases on their first visit to one of our hospitals. The case was supposed to be one of pneumonic plague with petechiæ, but bacteriological examination proved it to be one of relapsing fever.

28. Cases began with ordinary fever; afterwards fever with symptoms like those of relapsing fever supervened, and finally plague developed.

Retrospect of former claims of Plague.

29. Looking over the reports of former years, I came across a reference to plague, and I find that in 1877 there was some fear of the importation of plague into Bombay. I quote from my report:—"From time to time, as emergencies arose, the exclusion of infectious diseases from the city, either through the channel of the harbour or from inland, has attracted great attention. Committees, in one of which I took a part, have sat and drawn up rules for quarantine. Reports have been drawn up as to how these rules were to be enforced; and in fact everything has been done but to supply the funds with which these rules and suggestions were to be given practical effect to."

30. I then go on to state:—"Nothing had really come out of it of any practical sanitary good."

31. I then refer to the import of some wool from a plague-stricken area in the Persian Gulf, and I described what had to be done, and I go on to write:—"The immediate necessity for a strict supervision of vessels coming from the Persian Gulf was earnestly urged on Government, and in July 1876, a notification was issued laying down certain rules in reference to quarantine, but as no establishment was provided to enforce these rules, they might as well have never been promulgated."

32. I then proceeded to discuss the sanitary provisions necessary for the protection of the city, and I wrote:—"Their enforcement is contingent and dependent on three things, *i. e.*, hospital accommodation, the maintenance of special vehicles, and disinfecting apparatus; unless that these three indispensable conditions are satisfied, the special sanitary clauses, no matter how perfect they may be, will remain a dead letter."

Plague policy.

33. It is scarcely necessary for me to discuss the policy followed in 1898, as the policy is now practically the same as the policy followed by the Health Department when plague first appeared. The policy of 1896 has been justified by events and by the visitations of the following years.

34. The great danger in enforcing plague measures is that they may, if unpopular, excite general opposition and lead to concealment, and if measures lead to concealment, they may do more harm in one direction than good in another. Measures must be unpopular with some groups of population or classes and some individuals, but they need not be unpopular with all. Maximum results must be looked to, and only measures that can be easily carried out and supervised should be attempted.

35. Measures must be carried out to a purpose. The view I took on the 14th of February 1898 was that a month would elapse before the epidemic would reach its climax ; and it seemed to me that the only thing to be done was to save people from the disease, to give protection where protection could reasonably be expected from measures, to save people till the type of disease changed, and the pest became less virulent.

36. I wrote in February 1898 :—"The period has now passed when the epidemic of 1896-1897 had acquired its greatest intensity. From the daily mortality it is evident that the position is more grave now than at the same period last year, for the city is not, I fear, as well protected as it was at this time last year against the spread of the disease. Whereas after the 15th of January 1897, the epidemic had passed its climax and was declining, the mortality is now higher and evidently increasing. Long before this, tiles had been taken off most of the houses in the city in advance of the disease. Great efforts had been made to destroy rats, and water pipes were cut where the supply of water had caused dampness. These were, from our point of view, most important measures, contributing to the reduction of the mortality and giving immunity to the population. There are now some 50 or more cases of plague that escape detection every day in spite of the measures being carried out by the Plague Committee; and yet these measures are as well carried out as they can be under the direction of Sir James Campbell." The measures against Plague.

37. It did not seem to me that the measures, however admirably carried out, had any direct influence on the course of the epidemic although they had an influence on the mortality which would have been much higher without them and might have been as appalling as the mortality recorded in some places ; and I shall show this by the mortality of one day in 1898, which I take in order to comment on. The mortality for the day which I take was 264, the average, when the city is fairly full, being about 70 or less.

38. Admitting that the city had nearly a full population, out of 264 deaths on this day at least 184 were from plague.

39. Of these 184, only 68 had occurred in hospitals; the balance 116 had therefore been concealed.

40. The effect of the measures might therefore be estimated as 68 to 116. But it was really more serious, because the 68 persons who

had died in hospitals had passed a portion of their illness at their homes before they were discovered, and therefore they were at home during one portion of the period when they were dangerous and in hospital during the other period. So that the measures, even when they could be applied, had only a limited effect.

41. When the measures are still more closely examined, the proportion is even less. The microbes which come from the diseased person or a diseased rat are not always to be found in positions that are known, nor in positions where they may be destroyed. Every rat infected is a carrier of the infection, and probably other living things may support and convey the organism. It is therefore probable that the results may be expressed by a proportion smaller than 34 to 116.

42. The fact is, all that we can hope to do at this stage is to lessen the mortality, and the chief object is to protect, as much as can be done, the population. The same law applies throughout nature in dealing with pests.

Measures recommended.

43. The measures I recommended at that time were:—(*a*) The removal of tiles from buildings, street by street, all over the island; (*b*) the construction of openings in all rooms that have not windows, or are not well ventilated; (*c*) the destruction of rats, to help which a reward should be given for each dead rat; (*d*) the flushing down with disinfectants of the whole of buildings where cases occur, and the drying of buildings afterwards by the lighting of large fires; (*e*) the abolition of quarantine on incoming traffic; (*f*) the abandonment of contact segregation, because it could not be carried out, however excellent in principle; (*g*) efforts to be made to encourage *inoculation* on a large scale, and inoculation to be used against plague as vaccination against small-pox. All that had been done in the beginning to support M. Haffkine in the preparation of the prophylactic had been done by the Municipality; all that he asked for was given by the Municipality; and from the beginning not only was cordial support given to him, but sympathy was extended to him when he met with little but discouragement.

Movements of the population and results.

44. The attempt to prevent the movements of the population to the vacant lands in the north of the island could not, I think, have had any effect on the progress of the epidemic, and in January 1898 it had to be abandoned.

And the epidemic continued to decline.

45. The decline of the epidemic was not prevented by the relaxation of measures nor retarded by the return of the population. In April the tide of immigration increased, and the number of people coming into the city was greater than the number going away. Not a single restrictive measure on the movements of the population either stayed or even perceptibly influenced the epidemic.

46. The experience of this year indicates that the measures enforced in 1898 did not produce better results than the measures adopted in the previous years.

47. The true policy was that adopted in the beginning and adopted now, *i. e.*, of encouraging the movements of the population on to the vacant lands, and encouraging their segregation by voluntary efforts. Voluntary segregation of the healthy.

48. It is not necessary for me to examine the measures taken at different times for the examination of people coming into and leaving Bombay. These measures were right in principle, and though the effect produced by them cannot be judged by the number of cases detected, the indirect effect of the measures is much greater than their direct effect. They undoubtedly discouraged the movements of the sick; but within the island or the suburbs immediately outside, the movements of the healthy population ought not to be subject to restraint.

49. It is appalling to consider the feelings of opposition that must have been aroused, and the sufferings that must have been endured when, as in the Report of the Plague Committee, 1897-98, we read:— Concealment, house visitation and cordons.

"In the beginning of January the plague began to get out of hand, and the systematic hiding of the sick made the ordinary house-to-house search fruitless. In sections of the most infected parts of the city, where the death rate was high and the cases taken to hospital were few, it was considered advisable to cordon the areas with troops at an early hour of the morning."

"It is to be admitted that these cordoned searches were not so fruitful of cases as they should have been."

"Whether through secret communications from house to house or across gullies, it is beyond question that on several occasions badly infected cordoned areas were carefully searched, and disproportionately few cases discovered."

50. The danger is well described in the Report of the Plague Committee:—"As the pressure of the North Fort search-parties increased, the sick were removed, and Dhobi Talao became badly infected. From Dhobi Talao the disease spread north to Girgaum and east of Dhanji Street, in 'Market,' where during March it was severe."

51. Let us place alongside this description the ghastly incidents of the desertion of the dead, of corpses carried into the streets and left on the roadways or in the fronts of houses. Ghastly scenes.

52. Again I read:—"The sick person was secreted in the house chosen as a hiding-place, and in many instances the house would only be discovered by three or four deaths occurring in it. The only opposition to rule which was in any way general was the persistent concealing of the sick." Sufferings of the sick.

53. The erection of camps for the segregation of the healthy who have been in contact with the sick is a right measure when carried out at the right time, which is at the beginning of an epidemic; but Segregation.

when an epidemic has acquired intensity, the segregation of a small portion of the people who have been in contact with the sick cannot have any effect.

Inoculation & segregation.

54. The question really is, whether the few people placed in safety in a camp could not more easily be placed in safety by inoculation?

55. While there are few cases, and when it is practicable to find a large number of the people who come in contact with the sick, contact segregation is right and useful. But when there are not few but many cases, and when the sick cannot be found, it is hopeless to expect to find the healthy.

In the monsoon —flooding in the north of the Island.

56. The conditions that existed during the rainy period of 1898 in the localities in the north, as Byculla, most affected were—(*a*) flooded ground between buildings, (*b*) nuisances from the overflow of sewage and water on to the ground, (*c*) overcrowding and crowding of the destitute in insanitary positions; and to these should be added the high prices of food ruling. The local conditions were chiefly nuisances, causing pollution of the soil and air.

Drainage.

57. Though the drainage system has been extended, and year after year sewers constructed and connecting lines of pipes laid, and much useful work done in house connections, an immense work has yet to be finished, for nearly one-quarter of the area of the island has to be drained, and buildings by whole localities have yet to be drained and connected with sewers.

58. In the Annual Report, 1894-95, pp. 526-7, I gave a list of about 100 sewers in 90 streets to which connections had not been completed. The connections with all the sewers in that list, though some of them were ready so long ago as 1880, have not even yet been completed. I wrote of one section :—"a section of extremely imperfect drainage, old worn water channels covered over and worn away by cleaning and scraping, originally intended for rainwater, through which the sewage slowly trickles between the *debris* from the drain walls and ground." In this section a system of sewers has been constructed for a few years, but connections have not been made, but they will, I hope, be commenced very soon.

59. As in 1894, so now, the question of most urgency, after drains to carry away the sewage and water, is the question of connections between buildings and the sewers and pipe drains.

60. The Shone system in Colaba has been completed, but all the connections have not yet been made. In the Fort the gullies have not been reconstructed, and the gullies in the important and densely populated locality of the Fort are even now, as they have been, often imperfect, permitting of leakage and percolation into and under the foundations of buildings.

61. For the disposal of the drainage of nearly a quarter of the island in the northern suburbs, where drains are not likely to be constructed for the next 20 years, and the utilization of drainage on land is not impracticable (of which there is much available, one-fourth of the island being as yet sparsely populated) the construction of septic tanks, or biological filters, has been recommended by me if nothing better can be done. Septic tanks

62. Septic tanks have not yet been tried in India, but they have given most promising results in Europe; and though a septic tank may be described as a well-regulated cesspool, there is ample room in the suburbs for the trial of it.

63. In the north of the island, unless the sewage is to be allowed to collect in cesspools or holes near dwellings, there is no other system, except the purification and utilization of the sewage on the land to be adopted for the disposal of the sewage. The city has grown so rapidly that it has not been practicable to carry out works for the removal of sewage and rain water as quickly as buildings have been constructed, and allowance must be made for this. It has to be remembered that in the suburbs it has been impracticable to construct drains as quickly as new buildings have been erected. Sewage disposal in the North of the Island.

64. Where but a few years ago there were solitary buildings in swamps, there are now towns or densely populated habitations, amidst which there are serious nuisances caused by pools of water or sewage in the rains. In some localities these nuisances cannot be removed through the system of drainage, for the reason that the buildings and the nuisances in the midst of them are on ground lower than the sewers. To drain these localities the ground must be raised and the buildings demolished. Nuisances.

65. The removal of the refuse outside the island has commenced before I write this. I recommended a position at some distance from the railway line for the tipping station, or the point at which the refuse has to be tilted into railway trucks from the carts conveying it from the city to the Flats. As I was apprehensive that the position near the railway line selected for a tipping station might be a nuisance at times, the position was changed and removed away from the railway line. The change of position added to the expenditure, but it prevented a nuisance. The removal of the refuse outside the island is a most important measure, and likely to have a very favourable influence on the health of the island. The refuse itself will be harmless mould in a few years. It is fortunate that the Flats were raised with Refuse, and not with earth which would now have been covered with dwellings and stone—works obstruction to the circulation and movement of air and water. Removal of refuse outside the island.

66. I have written in many reports on the question of overcrowding. The question practically comes to this: is there a single employer of labour in Bombay from the private individual to the master of a few servants, from the Municipality to the Port Trustees, from the Port Trustees to any higher authority, who is able to prevent overcrowding amongst their own servants? Overcrowding.

Overcrowding.

67. This is what I saw in 1898 : a case of plague occurred in the servants' quarters of one of the most select institutions in Bombay. I examined the quarters and found 64 servants living in four rooms about 12' × 16'! What is to be said to this ? The Port Trustees have erected most excellent barracks, with open ground around, for their servants ; better buildings and rooms with better ventilation, inside and outside, could not be found. Few of the best hotels in Bombay have better ventilated rooms for their best customers. Can the Port Trustees prevent overcrowding amongst their servants ? The Municipality have built excellent rooms for their labourers. Can they prevent overcrowding amongst their employés ?

68. The fact is, the poor classes in Bombay will not tolerate interference beyond a certain amount. The economic conditions that oppress them are so rigorous that they will defy interference when it proceeds beyond a certain stage. The weight of opposition is so great that it resists and repels the pressure of authority. The authorities are few, the people are many.

69. The real matter is this: if overcrowding is to be diminished, not only dwellings but relief for the poor must be given, and much higher wages. The construction or improvement of buildings is but the first step in relief. All relief is now voluntary, and generous as the relief in each community is, it is only to help the healthy who can seek it. When the poor become ill they must starve, for the healthy poor are too much occupied by their own necessities to care for or to relieve the sick poor. There are over 100,000 people in Bombay who sleep on the floor and on the outside of buildings! Imagine the effect of this state.

Buildings.

70. I have heard it stated that the overcrowding of buildings was due to the Municipal officers not enforcing the Municipal law. There is no foundation for this. Under the Municipal law, the improvements that have been effected under the Epidemic Diseases Act could not have been carried out and the Epidemic Diseases Act has had to be passed. The feeling in the past was this : that, with the development of the city, the evolution of buildings and the evolution of a higher state of comfort would naturally take place, and undoubtedly this would have been so, if Plague had not come, but the "pestilence cometh, and, as in the past, it cometh with famine"! The progress of the pestilence, though it cannot easily be arrested, can undoubtedly be guided and influenced by measures, amongst the most essential of which are the construction of openings to let air and light into dwellings. Hence a sudden appreciation of the compression of the population and of the great fact that the density of the population must be reduced.

Ventilation of buildings.

Public feeling—change in.

71. It must, however, be remembered that until lately there was no public feeling to support the demands for more ventilation in buildings. Even the Port Trustees would not yield to our demand for a 6-feet open space between buildings. What is now advocated by all was only advocated by a few Municipal Officers before Plague came.

Bamboo partitions in rooms.

72. I am not of the same opinion as some of my colleagues in regard to the danger from bamboo partitions between rooms. I would not prohibit them. I do not think that stone fortresses, even with openings in the walls, are the most wholesome places for dwellings for the poor. There is a good deal, no doubt, to be said against bamboo partitions; but on the other side I think the free percolation of air that is assisted through the interstices is so great an advantage as to compensate for the dangers that may arise from their inflammable or perishable nature.

The Improvement Trust. Improvement of dwellings, &c.

73. The new City Improvement Trust began their great work during 1898. The localities to be improved are so well known, and have so frequently been described, that it is not necessary for me to describe them now. But the improvement of buildings and localities is only the first step. All that can be known about the insanitary portions of Bombay has been known for years, and has been described in many reports, and the way of improvement has been clearly marked and pointed out year after year. There is the fullest information in the report of the Extension Committee, of which the Executive Engineer and I were members. When a locality has been improved, what is to be done about the improvement of the state of the people? This in time will be asked. I wrote last year on this subject:—"The city may give water and keep the ways of the city clean, and do all else that is sanitary, but it cannot give clothes nor food to all the destitute, nor a bed to each one of the 100,000 or more who sleep on the damp ground." Take the most sanitary buildings in Bombay and allow the poor classes to enter it, and in a few weeks they will make it as insanitary as the most insanitary chawl in the most insanitary area. So that, therefore, the improvement of dwellings and localities is but the first and easiest step.

Condition of the people.

Communications within the suburbs not sufficient and more and wider roads wanted.

74. I have suggested certain areas as the first to be improved, but the improvement of densely populated areas of great pressure in the city is but one direction in which improvement should go. Other areas in the suburbs should be prepared for population by communications being opened to them and through them. In some of these portions the only buildings are the huts, nestling amongst mango trees, or hidden in garden foliage. More than one-fourth of the island is sparsely populated and large portions unoccupied; to this area roads must be constructed. I attach great importance to a railway proposed to be run by the Port Trustees from the harbour, N.-E. and N.-W., across the island. The tramway ought to be extended to the north, and a roadway ought to be constructed on either side of the Tulsi pipe line from Dadar right north. All the roads in the suburbs should be widened before buildings are erected on the sides of them. This would open a large area right up the centre of the valley to the sea estuary at Dharavee.

The soil.

75. The two conditions of greatest hygienic importance in the soil are moisture and temperature. Soils are made up of rocks or their

debris and of animal and vegetable life, hence the importance of the configuration of the ground. Where the ground is lowest the waters accumulate, and in cities, as in countries, the lowest portions become *middens* of the highest. Certain tracts of England have been described as the middens of England, and so certain districts of Bombay may be described as the middens of Bombay, to which are carried the soils and the soil waters, with their burdens, from the higher grounds of the higher districts. The affinities of different soils for heat and moisture have an important bearing on their suitability for human dwellings. Hence the importance of an observation made in the local Meterological Observatory on the rise in the temperature of the soil of Bombay. Mr. Moos writes that in 1898 the average temperature 5 feet below the surface of the ground was 1·5° higher than in 1896. Such principles should guide us in selecting a place of residence, for all over the world the damp places over which mists linger are the least salubrious. In Bombay, as elsewhere, the deep valleys are the least wholesome and the high lands the most salubrious.

Water connections.

76. The question has arisen as to the effect of cutting off the water supply inside buildings on the recurrence of cases of plague. Up to the end of January 1899 water connections were cut off in the following number of buildings :—A Ward, 66; B Ward, 100; C Ward, 305; D Ward, 17; E Ward, 1,111; F Ward, 46; and G Ward, 59; total, 1,704. The connections restored were about 210. Cases have recurred in the following number of houses in each ward in which the water supply had been stopped :—A Ward, 51; B Ward, Ward 44; total, 1271. I believe the measure has had the effect of diminishing the number of cases for it has to be remembered that the houses in which water connections have been cut off were all most insanitary, and that in these buildings the water-supply was a cause of dampness in the ground underneath or the floors or walls of rooms adjoining. We know that moisture is essential to the growth and vitality of the organism outside the bodies of the diseased.

Water-supply.

77. It is too often forgotten that the lakes which supply this city with drinking water have been filled with the rain waters that have flowed over forest lands which are intensely malarious and not uninhabited. Attention has been frequently drawn by me to the importance of the conservancy of the gathering grounds, and it has become more important since the investigations of Mr. Hankin. I would draw attention to the necessity that has arisen for the filtration of the whole of the water-supply. The whole of the Tansa supply is at present unfiltered, and nearly 50 per cent. of the supply from Tulsi.

Disinfection.

78. During the year a locally made disinfecting stove was obtained. The apparatus is of the ordinary boiler shape, and rests on a foundation of brick work. It is therefore not portable. The walls consist of two cells, separated by an annular space. This space forms the boiler. The

pressure is limited to 6 lbs., or a temperature of 228° F. Dr. Marsh reported on the efficiency of this stove, and his experiments gave very favourable results, both in the case of the cultures of the bacillus of plague, and in the case of the resistant hay bacillus.

79. This year cases of a disease—jiggers—not hitherto known in Bombay, were imported. I find the accounts of observers in South America do not quite correspond with the descriptions in the text books. The proper name of the disease is, I believe, *Chigoe*, and the flea burrows between the cuticle and the true skin, not only of human beings but of animals. The *Pulex penetrans*, to give the flea its right name, is about $\frac{1}{25}$ of an inch in length. It is popularly stated to burrow in order to lay its eggs; but the fact appears to be that the female burrows to ovulate and to die, except the abdominal section, which continues to feed the germs that afterwards become the eggs. It is different to the common flea, and has a sort of proboscis at its anal extremity. Jiggers.

80. Nothing can better illustrate the difficulties the Municipality have had in carrying out the registration of deaths than the following description of the difficulties experienced by the Plague Committee as given in the Report for 1898:—"The Committee, however, decided that this opinion was not in agreement with the customs and feelings of any class in Bombay, and that any attempt to enforce corpse inspection was likely to give rise to active ill-feeling; and that the possible advantages from the practice were outweighed by the certainty of discontent." Registration of deaths.

81. On the 1st of June the city plague administration was taken over by me, and one of the first measures I gave attention to was *inoculation*. Already I had been busy opening stations for inoculation, and I had been with M. Haffkine to chawls, persuading the people to be inoculated, and we had a great measure of help and encouragement. I began, after taking over charge, a system of payment to the poor at the time of inoculation, and certainly it led to a great increase in the number of inoculations. M. Haffkine one morning with me vaccinated in one chawl as many as 45 people, 22 of whom were women. It was afterwards considered necessary to discontinue payment, and the desire for inoculations began to decrease owing to other causes and influences, the most serious effect of which was, not a spirit of opposition, but a want of faith. Inoculation to be successful must be encouraged at the right time. There is a fashion, and also a sentiment, as in everything human, which have to be taken account of. Taken at the right moment, numbers of people may be persuaded to be inoculated, who could not or would not be persuaded at any other time. Besides, there is not the fear of the disease in Bombay that exists in other places where the disease has been very destructive and fatal. It is necessary to the success of inoculation (1) that the local reaction and pain should be reduced, (2) that the operation should be performed with care and therefore slowly. Inoculation success and difficulties.

82. I think that everything that could be done to open inoculation stations, and persuade the people to be inoculated, was done after the Municipality took over charge of plague measures. About 34 stations Inoculation measures.

were opened, and of the 34 inoculating officers 13 were under the Municipality. After June, when the Municipality took over charge of the plague administration, M. Haffkine and other officers accompanied me to the houses of the poor to inoculate people; but there was not the dread of the disease which was necessary to help us to inoculate large numbers. We met with much encouragement. Frequent meetings were held in the city, at which the Municipal Commissioner, Mr. Harvey was present, and the Commissioner formed a Committee, over which he presided, which sat every week in his office to deliberate on the progress of inoculation and to discuss the best measures to be adopted. I do not think more could have been done than was done in 1898 to bring inoculation within reach of the people, or to persuade the people to be inoculated.

Inoculation statistics.

83. The progress of inoculation by classes is very interesting and it will be observed that the largest number of inoculations have been amongst the poorer classes of Hindus. I do not think that this can be ascribed to payment by results, but to a feeling in favour of inoculation, which had sprung up and been encouraged by the Municipal officers. It will cause some surprise that a larger number of Europeans and Eurasians had not been inoculated. The explanation is this, Europeans believe that as yet, living under the conditions which surround them, the disease will not be communicated to them, or, if communicated, it will be in a mild form; and they think the risk is so slight that it is scarcely worth the trouble of taking protection against it.

(1). Statement showing the number of persons by class inoculated against plague in Bombay during the year 1897.

		Inoculated per 1,000 of population.
Hindus—Brahmins	298	7·84
Other high caste	705	1·56
Low caste	1,244	27·54
Mussalmen	1,478	9·52
Parsees	3,414	71·93
Jews	84	16·72
Christians—Europeans	478	42·33
Indians	433	
Other Nationalities	2	
Total ...	8,136+6 (unclassified)=8,142	

(2). Statement shewing the number of persons by class inoculated against plague during the year 1898 :—

Brahmins	1,022	26·90
Jains	201	7·69
High caste Hindus	3,440	7·62
Low caste Hindus	7,050	156·08
Mussalmen	7,933	51·14
Parsees	6,190	130·43
Jews	134	26·68
Europeans..	107	9·47
Eurasians...	29	6·69
Indians	995	
Other Nationalities	213	
Unclassified Hindus	573	
Total...	27,887	

Serum. Prof. Lustig's.

84. The results of treatment by Professor Lustig's serum have been encouraging to further experiment. In the Arthur Road Hospital 257 patients were treated; of these 145 died and 112 recovered, giving a mortality of 56·42 per cent. against a mortality of 79·12 per cent. amongst the general patients. It will be said that the patients for the serum treatment were selected, and practically this must be so, but the selection was as well made as it could be. There is no other treatment that holds out much hope of success. The results obtained at this period are encouraging, because the horses had not been kept a sufficient time under treatment and there had not therefore been sufficient time for the preparation of the serum.

Mortality from plague by classes.

85. The mortality by class indicates that the classes most careful of animal life, and most engaged in the distribution of the grain-supply, have suffered most. The low mortality amongst Mussalman must, I think, be ascribed to imperfect recognition. The mortality amongst Hindu low castes is almost the same as in 1897. The mortality amongst three classes, *i.e.*, Europeans, Eurasians and Parsees, rises progressively from 1·32 amongst Europeans (almost the same as in 1897) to 7·39 amongst Eurasians, being 2·3 less than in 1897, to 10·28 amongst Parsees, being 2·7 more than in 1897. It is interesting that in this year of enhanced virulence and greater intensity the number of Europeans who suffered should be 5 less than in 1897.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PLAGUE BY CLASSES IN 1898.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	1,051	41·66
Brahmins	37,982	814	21·43
Lingaets	784	40	51·02
Bhatias	7,891	220	27·88
Hindus of other castes	451,465	12,279	27·19
Hindus, low-caste	45,169	1,049	23·22
Mussalmen	155,101	1,658	10·68
Parsees	47,458	488	10·28
Jews	5,021	44	8·76
Native Christians	29,712	487	16·39
Eurasians	4,330	32	7·39
Europeans	11,290	15	1·32
Negro-Africans	146	5	34·24
Buddhists	190	3	15·79
Other and unknown castes	.....	.....	.....
Total ...	821,764	18,185	22·12

Mortality from Plague by Sections.

86. The distribution by localities of the 18,185 deaths from plague is interesting and follows nearly the same incidence as in former years. It is difficult to draw any exact conclusions from the recorded mortality

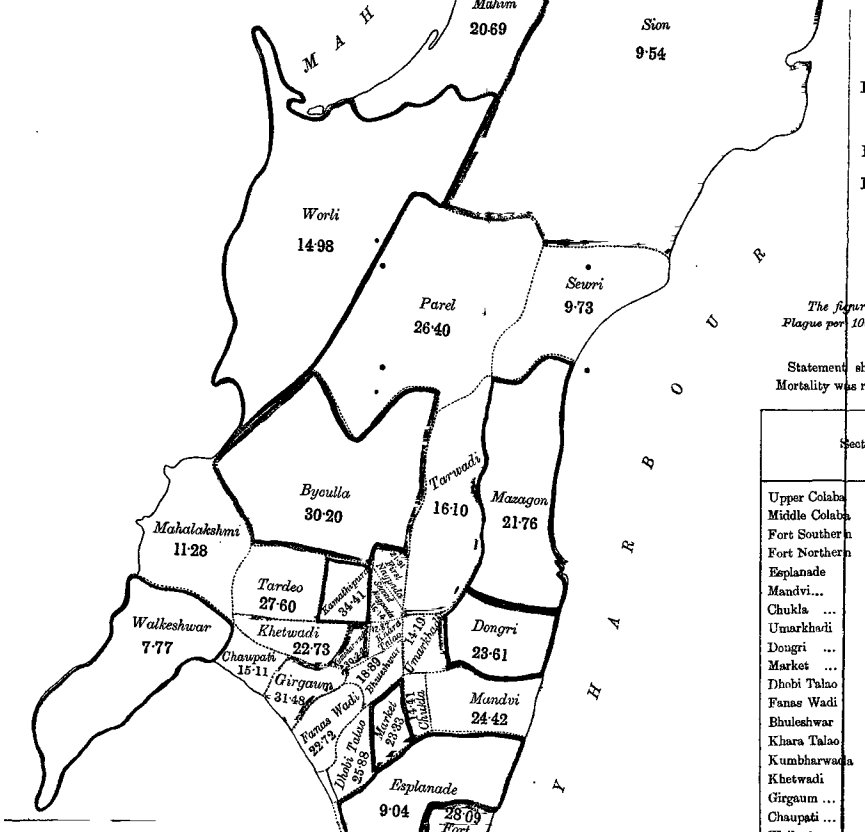
Low mortality in some sections.

by sections from plague. There was the difficulty of recognition or detection, and there was concealment influencing the registration of the disease. One of the sections of low mortality, 12·87 per 1,000, was Khara Talao, and yet this section is one of the most insanitary and overcrowded sections in the whole island. The other sections of low mortality are a portion of the Mandvi ward, Chuckla, and Umerkhadi. The distribution of mortality indicates either imperfect recognition or concealment in some sections. There are sections where the mortality must be low, but there are sections where, if the mortality is low, it cannot be correct. It is easy to place the finger on the localities of most concealment. The ward of highest recognised plague mortality is E Ward, which is therefore probably the ward of most detection.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PLAGUE BY SECTIONS IN 1898.

Wards.	Sections.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
A	Colaba ... Upper	4,335	31	7·15
	Colaba ... Middle and Lower	13,622	311	22·83
	Fort ..... Southern	3,951	6	15·18
	Fort ..... Northern	32,847	923	28·09
	Esplanade	10,064	91	9·04
B	Mandvi	37,295	911	24·42
	Chukla	32,197	464	14·41
	Umarkhadi	52,466	745	14·19
	Dongri	30,317	716	23·61
C	Market	44,751	1,044	23·33
	Dhobi Talao	39,945	1,034	25·88
	Panaswadi	24,069	547	22·72
	Bhuleshwar	38,363	725	18·89
	Khara Talao	27,035	348	12·87
	Kumbharwada	32,209	974	30·24
D	Khetwadi	28,814	655	22·73
	Girgaum	26,999	850	31·48
	Chaupati	11,512	174	15·11
	Walkeshwar	12,990	101	7·77
	Mahalakshmi	17,014	192	11·28
E	Mazagon	33,640	732	21·76
	Tarwadi	21,298	343	16·10
	2nd Nagpada	18,768	303	16·14
	Kamathipura	29,208	1,005	34·41
	Tardeo	18,980	524	27·60
	Byculla	47,403	1,432	30·20
	1st Nagpada	11,133	244	21·91
F	Parel	28,740	759	26·40
	Sewri	6,063	59	9·53
	Sion	19,601	187	9·54
G	Mahim	18,505	383	20·69
	Worli	25,493	382	14·98
Water Division		22,132	10	·45
Non-resident and unknown		...	980	...
	Total	821,764	18,185	22·12

CTIONS.



Per cent.

Proportion of Deaths to attacks ... 82·12

Per thousand

Death-rate amongst Males ... ... 24·12

Death-rate amongst Females ... 18·71

The figures in each Section, show the death-rate from Plague per 1000, calculated on the Census of 1891.

Statement showing the week in which the highest total Mortality was registered in each Section in 1898.

Sections.	Highest Death-rate from all causes since Jan. 1898	During week ending.
Upper Colaba	83·96	8th March.
Middle Colaba	129·79	15th Do.
Fort Southern	26·32	5th April.
Fort Northern	231·13	15th February.
Esplanade	82·67	8th March.
Mandvi...	108·75	22nd Do.
Chukla	176·04	25th January.
Umarkhadi	141·73	1st February.
Dongri	140·64	8th March.
Market	189·40	8th February.
Dhobi Talao	212·19	22nd Do.
Fanas Wadi	224·68	15th Do.
Bhuleshwar	188·41	25th January.
Khara Talao	167·33	1st February.
Kumbharwada	171·13	1st Do.
Khetwadi	209·34	22nd March.
Girgaum	300·45	22nd Do.
Chaupati	194·23	22nd Do.

87. In both sexes a greater enhancement of mortality was observed amongst those over five years of age than at an earlier period of life. It may be said that the disease is most difficult of recognition and most easy of concealment in those under five years of age, and therefore the enhancement over five years of age, is due to more exact registration. The most susceptible periods are between 25 and 40 years.

Mortality from Plague by sex and age periods.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PLAGUE BY SEX AT DIFFERENT PERIODS OF LIFE IN 1898.

Ages.	Males.			Females.			Persons.		
	Population.	Number of deaths.	Death-rate per 1000 of population.	Population.	Number of deaths.	Death-rate per 1000 of population.	Population.	Number of deaths.	Death-rate per 1000 of population.
Under 1 year.....	12,427	15	1·20	12,864	17	1·32	25,291	32	1·26
From 1 to 2 years.	6,619	44	6·64	6,884	41	5·95	13,503	85	6·29
„ 2 to 3 „	6,893	50	7·25	7,250	53	7·31	14,143	103	7·28
„ 3 to 4 „	6,368	43	6·75	6,564	52	7·92	12,932	95	7·34
„ 4 to 5 „	...	94	...	...	61	...	...	155	...
„ 5 to 9 „	33,969	481	14·16	32,229	475	14·73	66,198	956	14·44
„ 10 to 14 „	47,664	991	20·79	30,242	789	26·08	77,906	1,780	22·84
„ 15 to 19 „	57,181	1,130	19·76	33,598	624	18·57	90,779	1,754	19·33
„ 20 to 24 „	74,160	1,820	24·54	37,485	657	17·52	111,645	2,477	22·18
„ 25 to 29 „	72,650	2,196	30·22	31,282	708	22·63	103,932	2,904	27·94
„ 30 to 34 „	61,687	1,933	31·41	27,079	601	22·19	88,766	2,539	28·60
„ 35 to 39 „	38,190	1,186	31·05	16,568	377	22·75	54,758	1,563	28·54
„ 40 to 44 „	33,287	946	24·70	20,182	390	19·32	53,469	1,336	22·84
„ 45 to 49 „	18,263	443	24·25	9,297	216	23·23	27,560	659	23·91
„ 50 to 54 „	20,825	534	25·64	13,443	245	18·22	34,268	779	22·73
„ 55 to 59 „	7,251	162	22·34	4,565	106	23·22	11,816	268	22·68
„ 60 and over ...	15,659	428	27·33	14,139	272	19·26	29,798	700	23·49
Total...	518,093	12,501	24·12	303,671	5,684	18·71	821,764	18,185	22·12

Mortality from Plague by Dwellings.

88. The course of the mortality by dwellings is almost the same as in 1897, and illustrates the influence of ventilation, though it is not necessary to illustrate by statistics the influence of ventilation on the occurrence of cases any more. The mortality decreased with the height of the dwelling, being nearly 86 per cent. on the ground floor, over 77 on the first floor, 71 on the second floor, 61 on the third floor, 57 on the fourth floor, and 51 on the fifth floor.

STATEMENT SHOWING THE PERCENTAGE OF DEATHS TO ATTACKS FROM PLAGUE BY FLOORS AND WARDS.

Wards.	Ground Floor.	First Floor.	Second Floor.	Third Floor.	Fourth Floor.	Fifth Floor.	Residence unknown.	Harbour.	TOTAL.
A	76·51	69·65	63·59	61·76	57·77	20·00	.....	.....	72·10
B	80·84	75·74	73·28	65·23	50·66	47·36	.....	.....	76·62
C	83·58	79·47	71·77	61·19	61·25	33·33	.....	.....	79·21
D	87·70	77·77	58·27	55·88	60·00	.....	.....	.....	83·52
E	88·67	80·62	80·26	57·74	75·00	100·00*	.....	.....	86·39
F	94·19	85·18	87·50	100·00	.....	.....	.....	.....	93·92
G	85·41	71·91	64·00	.....	.....	.....	.....	.....	83·51
Residence unknown..	.....	.....	.....	.....	.....	.....	100·00	.....	100·00
Harbour	.....	.....	.....	.....	.....	.....	.....	100·00	100·00
Total ...	85·62	77·74	71·57	61·88	57·60	51·61	100·00	100·00	82·12

* Only 1 case occurred.

These figures approach very closely to the results of 1897. In 1897 the chances of recovery progressively increased from the first floor upwards, from a mortality of 84 per cent. on the ground floor to 45 per cent. on the fifth floor. It will be observed that in all wards there was the same progressive decrease in the fatality with the height of buildings.

A WARD.

STATEMENT SHOWING THE ATTACKS AND DEATHS FROM PLAGUE IN A WARD BY FLOORS DURING THE YEAR 1898.

MONTHS.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Residence unknown.		Harbour.		TOTAL.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
January ...	190	163	101	79	52	37	21	15	7	6	1	...	...	...	...	...	372	300
February ...	318	255	161	113	76	51	40	26	17	13	1	...	...	...	...	...	613	458
March	297	210	55	32	28	14	12	4	10	8	1	...	...	...	...	...	403	363
April	89	65	13	4	6	4	8	1	...	...	...	...	...	...	...	...	110	74
May	11	9	4	2	3	2	1	...	...	...	...	...	...	...	...	...	19	13
June	7	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	1
July	15	8	2	2	3	2	1	...	1	...	...	...	...	...	...	...	22	12
August	19	10	11	9	5	3	8	6	...	...	...	...	...	...	...	...	43	34
September ...	51	40	12	9	12	9	6	4	3	2	...	...	...	...	...	...	84	64
October	45	35	10	7	8	5	1	1	1	...	...	...	...	...	...	...	65	48
November ...	16	12	5	3	9	4	3	3	...	...	1	1	...	...	...	...	34	23
December ...	49	33	29	20	26	14	6	3	6	2	1	...	...	...	...	...	117	72
Total ...	1,107	847	402	280	228	145	102	63	45	26	5	1	...	...	...	...	1,889	1,362

B WARD.

STATEMENT SHOWING THE No. OF ATTACKS AND DEATHS FROM PLAGUE IN B WARD BY FLOORS DURING THE YEAR 1898.

MONTHS.	Ground Floor		First Floor.		Second Floor.		Third Floor.		Fourth loor.		Fifth Floor.		Residence unknown.		Harbour.		TOTAL.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
January	398	290	304	198	125	90	26	14	16	6	5	3	...	...	...	...	874	601
February	385	328	282	238	75	55	30	21	9	3	4	1	...	...	...	...	785	646
March	376	329	122	107	66	53	35	23	10	6	3	2	...	...	...	...	612	520
April	120	99	50	30	55	30	24	18	7	4	1	...	...	...	...	...	257	181
May	66	48	16	10	12	7	10	7	4	3	...	...	...	...	...	...	108	75
June	33	21	11	7	9	6	1	1	3	...	1	...	...	...	...	...	58	35
July	48	37	34	15	30	23	8	8	2	1	...	...	...	...	...	...	112	84
August	86	66	73	59	55	46	19	13	4	3	...	...	...	...	...	...	237	187
September	106	87	72	55	60	46	24	10	9	4	4	2	...	...	...	...	275	204
October	98	84	51	43	60	46	20	14	10	9	1	1	...	...	...	...	240	197
November	28	21	12	8	8	5	6	4	...	...	...	...	...	...	...	...	54	38
December	41	33	26	20	14	10	7	4	1	1	...	...	...	...	...	...	89	68
Total ...	1,785	1,443	1,043	790	569	417	210	137	75	40	19	9	...	...	...	...	3,701	2,836

C WARD.

STATEMENT SHOWING THE No. OF ATTACKS AND DEATHS FROM PLAGUE IN C WARD BY FLOORS DURING THE YEAR 1898.

MONTHS.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Residence unknown.		Harbour.		TOTAL.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
January	505	477	425	337	167	119	72	39	20	13	1	...	...	...	...	...	1,190	985
February...	911	796	529	471	261	195	93	54	19	9	2	2	...	...	...	...	1,815	1,527
March	750	593	429	322	119	71	56	46	11	9	1	1	...	...	...	...	1,366	1,042
April	283	197	94	36	39	20	30	14	6	3	...	...	...	...	...	...	452	270
May	61	47	12	5	11	4	3	2	1	...	...	...	...	...	...	...	88	58
June	23	17	8	6	5	4	1	1	...	...	...	...	...	...	...	...	37	28
July	28	23	14	12	10	8	6	4	...	...	1	1	...	...	...	...	59	48
August	64	53	46	40	31	26	15	9	5	5	...	...	...	...	...	...	161	133
September	94	70	74	57	61	49	22	14	1	...	...	...	...	...	...	...	252	190
October	104	87	72	65	48	42	18	7	9	3	1	1	...	...	...	...	252	205
November	52	40	17	11	13	9	10	7	1	1	...	...	...	...	...	...	93	68
December	55	49	44	40	18	15	9	8	7	6	..	...	...	...	...	...	133	118
Total ...	2,930	2,449	1,764	1,402	783	562	335	205	80	49	6	5	...	...	...	...	5,598	4,672

D WARD.

STATEMENT SHOWING THE No. OF ATTACKS AND DEATHS FROM PLAGUE IN D WARD BY FLOORS DURING THE YEAR 1898.

MONTHS.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Residence Unknown.		Harbour.		TOTAL.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D	A.	D.	A.	D.
January	193	157	67	46	30	14	15	8	...	...	...	...	...	...	...	...	305	225
February	447	386	137	91	37	12	5	1	3	2	...	...	...	...	...	...	629	492
March	672	619	161	147	43	31	6	4	...	...	...	...	...	...	...	...	882	801
April	234	213	47	42	8	6	1	...	...	...	...	...	...	...	...	...	290	261
May	44	33	9	5	1	1	...	...	...	...	...	...	...	...	...	...	54	39
June	12	8	3	2	1	1	...	...	...	...	...	...	...	...	...	...	16	11
July	4	3	3	2	...	...	...	...	...	...	...	...	...	...	...	...	7	5
August	25	18	11	6	2	2	3	3	...	...	...	...	...	...	...	...	41	29
September	18	11	4	2	5	3	1	...	...	...	...	...	...	...	...	...	28	16
October	32	29	10	9	3	7	1	1	...	...	...	...	...	...	...	...	51	46
November	12	8	2	1	1	1	1	1	1	...	...	...	...	...	...	...	17	11
December	31	27	5	4	3	3	1	1	1	1	...	...	...	...	...	...	41	36
Total..	1,724	1,512	459	357	139	81	34	19	5	3	...	...	...	...	...	...	2,361	1,972

E WARD.

STATEMENT SHOWING THE NO. OF ATTACKS AND DEATHS FROM PLAGUE IN E WARD BY FLOORS DURING THE YEAR 1898.

Months.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Residence Unknown.		Harbour.		TOTAL.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
January	479	430	127	118	52	45	8	6	4	2	1	1	...	...	...	...	671	602
February...	892	800	155	141	47	39	13	11	1	1	...	...	...	...	...	...	1,108	992
March	1,197	1,151	278	231	90	75	3	1	1	1	...	...	...	...	...	...	1,569	1,459
April	686	596	159	86	26	16	2	1	1	1	...	...	...	...	...	...	874	700
May	209	153	13	11	4	3	5	2	...	...	...	...	...	...	...	...	231	169
June	69	35	3	2	3	2	4	2	1	1	...	...	...	...	...	...	80	42
July	39	25	16	11	12	10	1	...	...	...	...	...	...	...	...	...	68	46
August	69	60	26	20	18	13	2	2	2	2	...	...	...	...	...	...	117	97
September	135	107	54	47	22	14	17	5	2	1	...	...	...	...	...	...	230	174
October	126	99	40	33	17	15	8	3	...	...	...	...	...	...	...	...	191	150
November	25	23	9	8	2	2	4	4	...	...	...	...	...	...	...	...	40	37
December...	93	85	23	20	6	6	4	4	...	...	...	...	...	...	...	...	126	115
Total...	4,019	3,564	903	738	299	240	71	41	12	9	1	1	...	...	...	...	5,305	4,583

F WARD.

STATEMENT SHOWING THE NO. OF ATTACKS AND DEATHS FROM PLAGUE IN F WARD BY FLOORS DURING THE YEAR 1898.

MONTHS.	Ground Floor.		First Floor		Second Floor.		Third Floor.		Fourth Floor		Fifth Floor.		Residence Unknown.		Harbour.		TOTAL.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D	A.	D.	A.	D.	A.	D	A.	D.
January	66	59	2	1	2	2	...	...	...	...	...	...	...	...	...	...	70	63
February	97	89	2	1	3	2	1	1	...	...	...	...	...	...	...	...	103	93
March	350	336	20	18	1	1	...	...	...	...	...	...	...	...	...	...	371	355
April	324	311	3	3	...	...	...	...	...	...	...	...	...	...	...	...	327	314
May	71	66	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71	66
June	14	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	13
July	32	28	...	...	1	1	...	...	...	...	...	...	...	...	...	...	33	29
August	10	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	9
September	12	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	12
October	16	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	14
November	8	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	8
December	34	29	...	...	1	1	...	...	...	...	...	...	...	...	...	...	35	30
Total ...	1,034	974	27	23	8	7	1	1	...	...	...	...	...	...	...	...	1,070	1,005

G WARD.

STATEMENT SHOWING THE No. OF ATTACKS AND DEATHS FROM PLAGUE IN G WARD BY FLOORS DURING THE YEAR 1898.

MONTHS.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Residence unknown.		Harbour.		TOTAL.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
January	37	25	8	5	2	1	...	...	...	...	...	...	...	...	...	...	47	31
February	69	60	18	15	5	4	...	...	...	...	...	...	...	...	...	...	93	79
March	213	189	18	12	4	2	...	...	...	...	...	...	...	...	...	...	235	203
April	257	231	33	25	5	3	...	...	...	...	...	...	...	...	...	...	295	259
May	79	67	1	...	1	1	...	...	...	...	...	...	...	...	...	...	81	68
June	14	12	1	1	...	...	...	...	...	...	...	...	...	...	...	...	15	13
July	28	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28	20
August	39	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	40	30
September	25	20	2	1	...	...	...	...	...	...	...	...	...	...	...	...	27	21
October	14	11	1	1	3	3	...	...	...	...	...	...	...	...	...	...	18	15
November	12	7	3	1	1	1	...	...	...	...	...	...	...	...	...	...	16	9
December	15	13	4	3	3	1	...	...	...	...	...	...	...	...	...	...	22	17
Total ...	802	685	89	64	25	16	...	...	...	...	...	...	...	...	...	...	916	765

STATEMENT SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM PLAGUE ACCORDING TO FLOORS FROM JANUARY TO DECEMBER 1898.

MONTHS.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Residence unknown.		Harbour.		TOTAL.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
January	1,868	1,601	1,034	784	430	308	142	82	47	27	8	4	120	120	5	5	3,654	2,931
February	3,119	2,714	1,284	1,070	504	358	182	114	49	28	7	3	203	203	3	3	5,351	4,493
March	3,855	3,427	1,083	869	351	247	112	78	32	19	5	3	326	326	...	...	5,764	4,969
April	1,993	1,712	398	226	139	79	60	34	14	8	1	...	113	113	...	...	2,718	2,173
May	541	423	55	33	32	18	19	11	5	3	...	...	35	35	...	...	687	523
June	172	107	26	18	18	13	6	4	4	1	1	...	7	7	...	...	234	150
July	194	144	59	42	56	44	16	12	3	1	1	1	14	14	...	...	343	258
August	312	252	167	134	112	90	47	33	11	10	...	...	24	24	...	...	673	543
September	441	347	218	171	160	121	70	33	15	7	4	2	50	50	...	...	958	731
October	435	359	184	158	144	118	48	26	20	12	2	2	52	52	1	1	886	728
November	153	119	48	32	34	22	24	19	2	1	1	1	22	22	1	1	285	217
December	318	269	131	107	71	50	27	20	15	10	1	...	14	14	...	...	577	470
Total ..	13,401	11,474	4,687	3,644	2,051	1,468	753	466	217	127	31	16	980	980	10	10	22,130	18,183

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS ACCORDING TO FLOORS IN EACH WARD FROM JANUARY TO DECEMBER 1898.

WARDS.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Residence unknown.		Harbour.		TOTAL.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D	A.	D.
A	1,107	847	402	280	228	145	102	63	45	26	5	1	...	...	...	...	1,889	1,362
B	1,785	1,448	1,043	790	569	417	210	137	75	38	19	9	...	...	...	...	3,701	2,836
C	2,930	2,449	1,764	1,402	783	562	335	205	80	49	6	5	...	...	...	...	5,898	4,672
D	1,734	1,512	459	357	139	81	34	19	5	3	...	...	...	...	...	...	2,361	1,972
E	4,019	3,564	903	738	299	240	71	41	12	9	1	1	...	...	...	...	5,305	4,583
F	1,034	974	27	23	8	7	1	1	...	...	...	...	...	...	...	...	1,070	1,005
G	802	685	89	64	25	16	...	...	...	...	...	...	...	...	...	...	916	765
Residence Unknown ...	...	...	...	...	...	...	...	...	...	...	...	...	980	980	...	...	980	980
Harbour	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	10	10	10
Total ...	13,401	11,474	4,687	3,644	2,051	1,468	753	466	217	125	31	16	980	980	10	10	22,130	18,185

Remarks on the Recurrence of Plague.

89. While writing of the mortality by buildings and floors, I would draw attention to the remarks I made last year in regard to the recurrence of plague in buildings. It is, I believe, due chiefly to the existence in these buildings of attractive and favourite feeding and hiding places for rats. At first I thought the greater freedom of certain dwellings or the reduced incidence of Plague in some buildings after the drainage had been improved was due to the effect of the improvement of house drainage; but afterwards I came to the conclusion that it was chiefly due to the closing and filling up of rat holes. Therefore, if it were practicable to improve house drainage, to clean and renew all down-take pipes, to properly construct or repair all house gullies and drains, it would have a great influence on the recrudescence of plague. I have in previous years given statistics showing the recurrence of plague by houses, and I have given evidence on the subject before the Plague Commission.

Plague Mortality by Months.

90. The mortality was highest in March and lowest in June. The most rapid development and spread of the disease occurred in February, the deaths rising to 348 on one day. In February the number of cases rose to 5,351 from 3,654 in January, of whom nearly 84 per cent. died. In March there was a further rise to 5,764 cases and an increase in the mortality to 86 per cent. In April the cases fell to less than one-half and the mortality declined, being equal to nearly 80 per cent. The highest mortality for any one day was 358 on the 16th of March, and again on the 18th, when it was the same number. The disease decreased a little after the middle of March, and the decline became rapid towards the end of the month, and reached its minimum by the end of June. A recrudescence began towards the end of July, and reached its maximum in October, followed by a further recrudescence in the middle of December to develope into a greater epidemic than known before.

1898.

November.			December.			Remarks.
A.	D.	M.	A.	D.	M.	
8	7	82	12	3	89	
25	11	97	9	10	101	
8	11	91	20	9	102	
18	11	97	12	12	98	
12	6	85	8	6	99	
12	8	97	17	14	97	
7	13	91	17	15	90	
14	7	87	16	11	112	
11	12	86	29	8	96	
14	9	91	22	17	99	
6	7	85	17	13	83	
4	10	82	8	17	113	
11	8	81	23	13	95	
2	4	84	20	11	108	
3	8	95	10	19	111	
14	4	84	19	16	110	
10	7	96	26	21	134	
7	3	80	22	19	104	
4	6	77	8	16	131	
9	3	85	20	12	100	
4	7	90	26	20	101	
5	4	94	23	13	115	
8	6	70	22	12	90	
9	4	86	16	16	95	
8	6	87	17	17	124	
9	7	87	7	22	118	
6	5	81	18	19	99	
5	5	104	20	23	126	
11	11	101	30	26	125	
7	7	93	44	22	123	
..	...	...	22	18	121	
271	217	2646	580	470	3311	

STATEMENT SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM PLAGUE AND THE TOTAL DEATHS BY DAYS IN 1898.

Date.	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.			Remarks.
	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	
1 ...	54	41	149	201	121	268	197	172	299	122	86	206	50	33	118	11	7	78	21	7	69	16	8	77	38	29	112	37	35	139	8	7	82	12	3	80	
2 ...	31	52	160	161	154	301	181	168	280	107	96	222	29	38	126	2	8	84	24	6	76	7	5	88	39	20	110	54	39	147	25	11	97	9	10	101	
3 ...	37	49	156	176	155	288	181	175	307	144	92	208	42	23	106	27	14	83	4	3	61	8	8	88	29	25	133	20	37	138	8	11	91	20	9	102	
4 ...	50	51	162	170	165	313	172	203	334	99	109	219	53	28	141	11	4	71	12	4	53	13	7	91	31	22	125	53	30	139	18	11	97	12	12	98	
5 ...	82	40	151	195	158	295	169	209	329	53	84	187	37	27	114	14	4	64	14	6	50	13	19	97	27	26	136	38	38	136	12	6	85	8	6	99	
6 ...	60	65	176	166	161	293	197	169	294	122	80	189	37	20	90	8	4	72	12	7	74	31	16	100	35	29	118	23	36	132	12	8	97	17	14	97	
7 ...	61	59	165	104	164	277	115	102	315	94	91	201	72	17	105	16	3	73	6	10	82	5	8	84	30	18	113	43	35	152	7	13	91	17	15	90	
8 ...	70	65	213	212	165	300	142	194	325	73	73	178	47	14	79	5	4	91	7	7	85	17	9	95	34	29	123	62	32	130	14	7	87	16	11	112	
9 ...	80	60	192	185	202	347	85	146	291	101	88	200	9	19	103	12	4	78	7	6	75	12	17	99	22	28	126	42	50	164	11	12	86	29	8	96	
10 ...	50	68	199	182	171	302	71	132	266	92	87	190	3	14	93	15	3	69	8	5	78	16	13	121	26	24	112	35	25	138	14	9	91	22	17	99	
11 ...	68	91	241	173	198	326	155	137	285	60	70	171	21	16	102	11	6	79	9	11	70	15	16	98	31	18	107	34	37	138	6	7	85	17	13	83	
12 ...	86	76	189	193	199	335	196	102	328	128	73	174	24	11	100	13	1	63	12	7	59	20	18	96	20	32	117	49	25	125	4	10	82	8	17	113	
13 ...	84	82	186	173	157	300	106	159	314	80	87	180	27	20	90	2	4	60	10	9	77	25	19	111	33	29	126	42	27	134	11	8	81	23	13	95	
14 ...	104	111	223	110	165	278	101	107	335	104	61	100	21	16	96	44	5	64	8	6	66	19	12	59	33	17	110	26	20	126	2	4	84	20	11	108	
15 ...	112	99	222	205	163	305	156	157	318	113	77	170	25	17	88	17	2	60	6	6	87	16	14	115	21	24	114	27	20	106	3	8	95	10	19	111	
16 ...	103	80	220	185	139	272	198	195	358	74	93	100	7	11	68	7	7	69	5	9	72	21	15	103	45	22	113	26	14	86	14	4	84	19	16	110	
17 ...	64	116	245	154	156	282	215	173	322	84	82	176	20	15	72	4	...	69	12	11	77	12	12	89	21	15	97	9	30	137	10	7	96	26	21	134	
18 ...	137	86	245	172	155	274	215	216	358	61	79	170	21	24	97	6	1	62	10	10	94	25	21	87	15	18	89	25	17	114	7	3	80	22	19	104	
19 ...	118	122	264	147	145	255	171	151	272	84	72	168	12	16	94	3	2	64	14	11	95	26	26	126	18	21	116	28	12	96	4	6	77	8	16	131	
20 ...	108	122	266	181	167	301	124	171	301	95	89	183	21	18	80	2	1	60	10	9	69	26	26	118	28	17	109	30	15	99	9	3	85	20	12	100	
21 ...	123	136	245	83	180	307	139	172	316	78	84	186	20	21	99	8	...	64	14	11	68	17	26	110	29	15	102	16	17	99	4	7	90	26	20	101	
22 ...	126	113	210	162	153	303	170	181	341	88	61	152	31	10	94	6	6	73	10	9	89	28	28	114	27	21	115	16	17	110	5	4	94	23	13	115	
23 ...	64	114	246	175	156	301	198	174	305	72	54	145	17	5	81	8	7	82	13	14	88	27	22	120	32	28	120	23	20	119	8	6	70	22	12	90	
24 ...	129	131	246	122	155	301	114	157	303	93	59	170	10	12	88	14	4	58	9	8	66	34	13	105	35	26	125	14	18	90	9	4	86	10	16	95	
25 ...	121	98	218	207	161	308	150	156	306	52	46	139	41	16	109	24	12	73	9	11	80	28	23	132	28	24	124	10	14	92	8	6	87	17	17	124	
26 ...	128	108	226	235	137	375	147	144	304	68	49	141	23	10	96	3	3	63	18	7	98	15	26	111	32	30	144	23	14	98	9	7	87	7	22	118	
27 ...	111	146	281	173	165	292	120	121	253	50	46	138	16	9	63	11	10	74	11	11	98	31	18	106	33	22	126	14	10	86	6	5	81	18	19	99	
28 ...	102	131	267	139	150	301	107	109	289	61	43	132	18	13	77	38	8	77	13	7	80	28	29	141	42	32	139	11	14	94	5	5	104	20	23	126	
29 ...	133	126	245	...	..	...	145	115	228	58	47	144	11	12	87	15	9	78	9	12	90	26	24	108	50	28	141	16	8	86	11	11	101	30	26	125	
30 ...	152	148	307	...	...	...	173	119	244	58	33	108	10	7	76	7	3	51	12	6	95	32	25	106	35	43	150	10	16	111	7	7	93	44	22	123	
31 ...	103	146	276	...	..	...	161	101	233	..	...	...	24	10	81	...	...	...	7	13	87	34	25	125	...	...	...	11	12	98	...	...	...	22	18	121	
Total...	2920	2931	6802	4750	4403	8283	4780	4069	9303	2613	2172	5185	811	523	2913	371	150	2106	336	258	2435	648	543	3264	921	731	3618	867	728	3664	271	217	2646	580	470	3311	

The occurrence of Plague and rats.

91. A very interesting case of plague occurred in the Fort in a house in which dead rats were found. In this house living rats had not been seen for some time before. The facts are as follows :—One of the inmates of the house reported that dead rats had been found in the house. The Medical Officer visited it and ascertained that 6 or more dead rats had been found on the second floor, on the 24th of November. This caused a search, and it was ascertained that before this date 3 dead rats had been found on the first floor on the 19th idem, and that an old woman took the rats up and threw them away. This old woman was attacked with plague on the 28th idem, *i. e.*, 10 days after dead rats had been found in the house.

I will now give a number of instances from one ward, C Ward, only (though the number of instances from all wards are very numerous) of cases of plague occurring in buildings after dead rats had been found in them. In fact, any further evidence as to the relation of rats to plague is now unnecessary.

C WARD.

STATEMENT SHOWING THE NUMBER OF PLAGUE CASES THAT OCCURRED AFTER DEAD RATS HAD BEEN FOUND ON THE PREMISES.

Progressive No.	Section.	Locality.	House No.	No. of Cases of Plague after Dead Rats were found.
1	Market ...	Mumbadevi Road	155	5
2	,, ...	,, ...	117	2
3	,, ...	,, ...	33/39	2
4	,, ...	,, ...	3/5	3
5	,, ...	Musjid Bunder Road ...	19	3
6	,, ...	Dhunji Street	119	4
7	,, ...	,, ...	45/47	2
8	,, ...	,, ...	41/43	2
9	,, ...	,, ...	37	2
10	,, ...	,, ...	32	1
11	,, ...	,, ...	26	2
12	,, ...	,, ...	25	3
13	,, ...	,, ...	18	2
14	,, ...	,, ...	16	3
15	,, ...	,, ...	11	1
16	,, ...	,, ...	7/9	3
17	,, ...	,, ...	4/6	3
18	,, ...	Mirza Street...	64	2
19	,, ...	,, ...	36/42	2
20	,, ...	,, ...	21/23	1
21	,, ...	1st Agri Lane	5	1
22	,, ...	Mootar Gully	19	4
23	,, ...	,, ...	36/38	2
24	,, ...	Toopachi Gully	2/4	1
25	,, ...	,, ...	15	2
26	,, ...	Kalbadevi Road	393	2
27	,, ...	,, ...	383/387	3
28	,, ...	,, ...	379/381	4
29	,, ...	,, ...	371/373	2
30	,, ...	,, ...	365/367	2
31	,, ...	Vithoba Lane	1/10	5
32	,, ...	,, ...	14/16	2
33	,, ...	,, ...	18/22	2
34	,, ...	Tailwadi	27	3
35	,, ...	,, ...	30	4
36	,, ...	Vithalwady	87/91	2
37	,, ...	,, ...	56	2
38	,, ...	Champawady	107/109	1
39	,, ...	,, ...	111/115	2
40	,, ...	,, ...	117/119	3
41	,, ...	,, ...	121/125	2
42	,, ...	,, ...	55	1
43	,, ...	Old Hanuman 1st Lane ...	44/48	3
44	,, ...	,, ...	27/29	2
45	,, ...	Old Hanuman Lane ...	66/72	3
46	,, ...	Lohar Street	76/78	2
47	,, ...	,, ...	80/84	3
48	,, ...	,, ...	103/105	3
49	,, ...	,, ...	107/109	2
50	,, ...	,, ...	150	2
51	,, ...	Gagavwady	6/7	3

Progressive No.	Section.	Locality.	House No.	No. of Cases of Plague after Dead Rats were found.
52	Market ...	Lohar Street...	221/229	5
53	" ...	Magonwadi	2	6
54	" ...	"	5	6
55	" ...	"	6	4
56	" ...	"	8	3
57	" ...	"	9	9
58	" ...	Carnac Rd. 2nd Cross Lane	8	2
59	" ...	"	10	1
60	" ...	"	13/15	2
61	" ...	"	17/19	3
62	" ...	Carnac Road Budrudin Chawl	46/3/7	5
63	" ...	Antobawady	3	6
64	" ...	"	23	3
65	" ...	"	4	5
66	" ...	"	6	7
67	" ...	"	7	6
68	" ...	"	21	3
69	" ...	"	20	2
70	" ...	"	9	1
71	" ...	"	19	3
72	" ...	"	10	2
73	" ...	"	11	1
74	" ...	"	17	3
75	" ...	New Hanuman Lane Angra's Wady...	41/43	3
76	" ...	"	21	5
77	" ...	"	15	2
78	" ...	"	10	2
79	" ...	"	19	4
80	" ...	"	4	3
81	" ...	Patakwady	25/29	7
82	" ...	"	8/10	5
83	" ...	"	31	4
84	" ...	"	5/9	7
85	" ...	"	50/58	2
86	" ...	"	25	3
87	" ...	Dukarwady	31	6
88	" ...	"	21/25	4
89	" ...	"	33/45	11
90	" ...	Kitchen Garden	62	3
91	" ...	New Hanuman Lane ...	84 (9)	6
92	" ...	"	84 (7)	3
93	" ...	Sootar Chawl	84 (5)	4
94	" ...	"	30/34	2
95	" ...	Picket Road...	39/41	2
96	" ...	Tackwady	1	3
97	" ...	"	13	2
98	" ...	"	17	4
99	" ...	"	9	3
100	" ...	"	5	1
101	" ...	Cavelwady	21	1
102	Dhobi Talao ...	Trinity Street	182	1
103	" ...	"	103/105	4
104	" ...	Girgaum Road	96	2
105	" ...	Kalbadevi Road	195/215	1
106	" ...	Cavel Street...	188	1
107	" ...	"	199	1

Progressive No.	Section.	Locality.	House No.	No. of Cases of Plague after Dead Rats were found.
108	Dhobi Talao ...	Cavel Street	181	6
109	" ...	Dadisheth Agiary Lane ...	64	1
110	" ...	Turamaikinwady	9	3
111	" ...	"	10	2
112	" ...	"	1	2
113	" ...	Kolbhatwady	37	1
114	" ...	"	36	2
115	" ...	"	19	2
116	" ..	"	3	2
117	Fanaswady ...	Permanand wady	183(4)	2
118	" ...	"	18	1
119	" ...	Thakurdwar Road	32/34	3
120	" ...	"	31	1
121	" ...	Dhobiwady	7	4
122	" ..	Bhuleshwar Road	160	5
123	" ...	Fanaswady Street	111	2
124	" ...	"	86	3
125	" ...	"	61	3
126	" ...	"	59	3
127	" ...	"	94	2
128	" ...	" Cross Lane ...	8	5
129	" ...	" ...	9	5
130	" ...	Jagannath Chawl"	63 (15)	1
131	" ...	"	62 (14)	2
132	" ...	Newwady	21	1
133	" ...	2nd Fanaswady Street ...	19/21	1
134	" ...	Fanaswady Street	26	2
135	" ...	Dukarwady	2	3
136	" ...	"	40	1
137	" ...	Thakurdwar Temple ...	7	2
138	" ...	Girgaum Road	517	1
139	" ...	Tarwady	25	4
140	" ...	"	9	1
141	" ...	Batliwala's Chawl	2	1
142	Bhuleshwar ...	Bohra Street	75/79	3
143	" ...	Bhuleshwar Street	124/126	3
144	Khara Talao ...	Duncan Road	17	5
145	" ...	"	39	3
146	" ...	"	57	6
147	" ...	"	71	7
148	" ...	"	255 (5)	4
149	" ...	"	265 (6)	3
150	" ...	"	291/293	8
151	" ...	Khoja Street	43	4
152	" ..	"	93	1
153	" ...	"	180	2
154	" ...	" Cross Lane ...	5/7	2
155	" ...	Chimna Butcher Street ...	170/173	7
156	" ...	Packmodia Street	71	3
157	" ...	Chimna Butcher Street ...	156	4
158	" ...	Dharmsi Street	32/48	4
159	" ...	"	12	2
160	" ...	Khara Tank Street... ...	5	5
161	" ...	"	55	6
162	" ...	"	81	3
163	" ...	"	36	5
164	" ...	Grant Road	18	4
165	" ...	Doctor Street	225/227	2

Progressive No.	Section.	Locality.	House No.	No. of Cases of Plague after Dead Rats were found.
166	Khara Talao ...	Khoja Street Cross Lane ...	1/3	1
167	Kumbharwada ...	Cawasji Patel Tank Road...	50	2
168	" ...	" " ...	88/90	4
169	" ...	Kumbharwada Street ...	141	2
170	" ...	" " ...	16	3
171	" ...	" " ...	185	2
172	" ...	1st Carpenter Street ...	67	2
173	" ...	" " ...	36/38	2
174	" ...	2nd " ...	25	2
175	" ...	Northbrook Street ...	88/90	2
176	" ...	" " ...	59	1
177	" ...	1st Pathan Street	69/71	3
178	" ...	2nd "	42	2
179	" ...	Falkland Road	1	2
180	" ...	Bhundari Street	105/109	5
181	" ...	Duncan Road	306	2

Plague after Inoculation.

92. A very interesting case of a second attack of plague, which was admitted into the Adamji Pirbhoy Hospital, I happened to observe. The patient was inoculated once at the end of February. Six months after he suffered from plague, the left inguinal glands being affected. The glands suppurated and the patient recovered after being two months in hospital. A month after his discharge, he suffered from malarial fever, which lasted about 15 days. In November he had a second attack of plague and the cervical glands were affected. He was then admitted to hospital where he died, having been ill from 3 to 4 days.

Outbreak of Plague in the Mahratta Hospital, danger of communication of the disease in Pneumonic Plague.

93. When the Mahratta Hospital was taken over from the administration of the Plague Committee, I noticed that it was rather close, although there were ample means of ventilation by windows. The walls of the wards had not the flap system of ventilation at the bottom of each wall, which I suggested years ago in the Arthur Road Hospital, although there was ample ventilation by windows in this admirable institution. It was the monsoon, and some of the staff objected to any alterations at that season. In September an extraordinary outbreak of plague occurred amongst the staff in this hospital. On the 5th of September a servant was found to be ill with pneumonic plague, and he died 83 hours after admission. On the 23rd idem a ward-boy who had been attending on a case of pneumonic plague was ill, and died of pneumonic plague under 24 hours' illness. On the 24th an Hospital Assistant was ill, who, on the previous night, had watched a bad case of Pneumonic Plague, and had spent the whole night at the bedside of the patient. He was admitted into hospital on the 25th and died on the 26th. He was attended by his wife, who fell ill on the 29th and died on the 1st of October. I now come to a most sad event in the outbreak. On the night of the 29th of September the Medical Officer of the Hospital had a rigor followed by a rise of temperature. Next morning he was suffering from pneumonic plague. There was no glandular enlarge-

ment. His sputum was examined by Dr. Galliotti and found to contain plague bacilli. A few days before he cut the left index finger in opening a bubo in a plague case. He returned to his house, where he was segregated and treated till his death, and he was attended during his illness by three servants from the hospital staff. The first servant fell ill on the 4th of October and died on the 8th from pneumonic plague, without buboes. The second fell ill on the 6th and died on the 12th. He had a small bubo in the right femoral region. The third was ill on the 6th and died on the 9th. Besides these, two Hospital Assistants suffered from symptoms like plague. One fell ill on the 6th and recovered. The second fell ill on the 9th and died of pneumonic plague on the 13th. But in the house of this Hospital Assistant, two other cases had occurred, one of a brother who died of pneumonic plague on the 8th, and the other of another brother who was attacked and afterwards died. Not one of the staff was inoculated with the prophylactic serum. There is only one other fact of interest, and that is, that during the outbreak dead rats were found in the dispensary under a cupboard; and further, it is of interest to know that three of those who died used to sit for hours in the dispensary. The dead rats were found on the 5th, but they had been dead for some days.

General Mortality by causes.

94. The highest mortality from any one death cause is referred to plague, being 22·12 per 1,000 against 13·3 per 1,000 in 1897. Concurrently with the increase in the mortality from plague there was an increase in the mortality from diseases of the respiratory system, but a considerable decrease in the mortality ascribed to Phthisis and fevers. The chief death causes that contributed to the high mortality are Plague, diseases of the respiratory system and phthisis.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM THE PRINCIPAL CAUSES DURING 1898.

Cause of Death.	No. of Deaths.	Death-rate per 1,000 of Population.
Small-pox	55	·06
Measles	254	·30
Fevers...	4,114	5·00
Cholera	104	·12
Phthisis	5,624	6·84
Plague...	18,185	22·12
Diseases of the Nervous System	2,577	3·13
" Respiratory System	8,423	10·24
Diarrhœa	1,800	2·19
Dysentery	1,585	1·92
Accidents	559	·68
Other and unknown causes except still-born	8,681	10·56
Total ...	51,961	63·23

Monthly Mortality.

95. The mortality rapidly rose in January through February until a maximum was reached in March. The highest mortality was registered in March, being 9,196 deaths. A recrudescence began in August, developing into a monthly mortality of 3,507 in October.

STATEMENT SHOWING THE NUMBER OF DEATHS FROM ALL CAUSES BY MONTHS IN 1897 AND 1898.

Months.	No. of Deaths from all causes, exclusive of Still-born, in 1897.	No. of Deaths from all causes, exclusive of Still-born, in 1898.
January	7,518	6,699
February	6,860	8,177
March	5,236	9,196
April	3,528	5,104
May	2,353	2,798
June	2,208	1,998
July	2,989	2,295
August	3,924	3,095
September	3,476	3,439
October	3,249	3,507
November	2,840	2,476
December	3,615	3,177
Total	47,896	51,961

Mortality by place of birth.

96. The incidence of the mortality by place of birth indicates even more strongly than the statistics of last year, that the chief sufferers from plague in the population are strangers. In 1897 a total of 16,191 persons born in Bombay and 30,579 born elsewhere died. In 1898 the mortality amongst strangers is even more in excess—33,733 died, and only 15,479 of the people born in Bombay. The course of the epidemic is well indicated by the mortality amongst the people born outside of Bombay. Through January and February the mortality rose till it reached its maximum in March. A progressive decrease followed till July, when a further recrudescence occurred, which subsided in or about November to revive again in December.

TABLE SHOWING THE NUMBER OF DEATHS, EXCLUSIVE OF STILL-BORN, ACCORDING TO PLACE OF BIRTH IN 1898.

Months.	Bombay.	Elsewhere.	Unknown.	Total.
January	1,806	4,631	262	6,699
February	2,146	5,400	631	8,177
March	2,308	6,153	735	9,196
April	1,438	3,293	373	5,104
May	1,017	1,688	93	2,798
June	793	1,157	48	1,998
July	860	1,381	54	2,295
August	1,039	1,936	120	3,095
September	1,098	2,235	106	3,439
October	1,188	2,162	157	3,507
November	804	1,593	79	2,476
December...	982	2,104	91	3,177
Total ...	15,479	33,733	2,749	51,961

97. Notwithstanding the high mortality of the year, the death-rate of Europeans was only 17·89 per 1,000, lower than in the previous and many other years. The total death-rate amongst Europeans in 1898 is lower than in any year since 1893! This is a very remarkable protection from disease during a year of Plague. Yet Europeans did not flee and many of them approached the sick, and exposed themselves fearlessly in aid of the suffering. The Mussulman mortality is also lower than in 1897. The mortality amongst Jews was under 37 per 1,000 and amongst Parsees 39·13 per 1,000. The mortality amongst Parsees is 6·5 per 1,000 higher than in 1897. Excluding small communities, the highest mortality occurred amongst the mass of the Hindu population, being equal to 93 per 1,000. Mussalmen, a large community, have the next highest mortality, the death-rate being as high as 72·60 per 1,000.

Mortality from all causes by class. Low mortality amongst Europeans.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM ALL CAUSES BY CLASSES IN 1898.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	2,120	84·04
Brahmins	37,982	1,774	46·70
Lingnets	784	125	159·43
Bhatias	7,891	483	61·20
Hindus of other castes	451,465	28,004	62·02
Hindus, low-caste	46,169	4,288	93·82
Mussalman	155,101	11,261	72·60
Parsees	47,458	1,857	39·13
Jews	5,021	185	36·84
Native Christians	29,712	1,406	47·28
Eurasians	4,330	196	45·26
Europeans	11,290	202	17·89
Negro-Africans	146	96	657·44
Buddhists	190	12	63·15
Other and unknown castes	.....	9	.....
TOTAL...	821,764	51,961	63·23

98. If the mortality of the classes is examined according to sex, it will be observed that the mortality of the communities amongst whom the death-rate was highest, was influenced by a high fatality and great loss of female life. Take, for instance, the mass of the Hindu low caste population, the excess of female mortality was equal to 11 per 1,000 and amongst Mussalman as much as 22·6 per 1,000. If we take the classes of low mortality, it will be observed that the excess of female mortality is not great. Amongst Parsees it is 2·8, amongst Jews 3·5, and amongst Europeans 7·2. The plague death-rate of Europeans was only 1·32 per 1,000, the attacks being 20 and the deaths 15, out of a total population of a little more than 11,000 Europeans.

Mortality by sex.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM ALL CAUSES BY CLASS AND SEX IN 1898.

Classes.	Males.			Females.		
	Population.	Deaths.	Per 1,000 of Population.	Population.	Deaths.	Per 1,000 of Population.
Jains	19,317	1,452	75·16	5,908	668	113·06
Brahmins	26,564	1,186	44·64	11,418	588	51·49
Lingaets	462	68	147·18	322	57	177·01
Bhatias	4,344	282	64·91	3,547	201	56·66
Hindus of other castes	288,569	17,222	59·68	162,896	10,782	66·18
,, low caste	25,888	2,307	89·11	19,281	1,931	100·15
Mussulman	94,975	6,062	63·82	60,126	5,199	86·46
Parsees	24,705	933	37·76	22,755	924	40·61
Jews	2,590	91	35·13	2,431	94	38·66
Native Christians	20,040	818	40·81	9,672	587	60·69
Eurasians	2,294	101	44·02	2,036	95	46·66
Europeans	8,118	129	15·89	3,172	73	23·01
Negro-Africans	90	52	577·77	56	38	678·57
Buddhists	137	10	72·99	53	2	37·73
Other and unknown castes	.....	5	.....	.....	.....	.....
Total	518,093	30,718	59·29	303,671	21,348	69·95

Mortality by sex and periods of life.

99. The mortality of females is 10·66 in excess of the male death-rate. The mortality amongst males was highest under 1 year of age, and descended till the period of life between 15 and 19 years of age, and again rose from 20 to 24 years. The female mortality followed almost the same incidence as that of the male. But it will be observed that the excess female mortality is less than in the years preceding the appearance of plague. It will also be observed from the table that the female mortality is almost the same as in 1897 and that the excess mortality of the year is amongst males. This is worth noting.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM ALL CAUSES AT DIFFERENT PERIODS OF LIFE IN 1898.

AGES.	MALES.			FEMALES.			PERSONS.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 Year ...	12,427	3,357	270·13	12,864	2,922	227·12	25,291	6,279	248·27
From 1 to 2 Yrs.	6,619	893	134·91	6,884	870	126·38	13,503	1,763	130·56
„ 2 to 3 „	6,893	393	57·01	7,250	418	57·66	14,143	811	57·34
„ 3 to 4 „	6,368	237	37·21	6,564	289	44·02	12,932	526	40·67
„ 4 to 5 „	...	269	...	.....	249	...	...	518	...
„ 5 to 9 „	33,969	992	29·20	32,229	1,093	33·91	66,198	2,085	31·49
„ 10 to 14 „	47,604	1,678	35·20	30,242	1,591	52·60	77,906	3,269	41·96
„ 15 to 19 „	57,181	1,823	31·88	33,598	1,419	42·23	90,779	3,242	35·71
„ 20 to 24 „	74,160	2,983	40·22	37,485	1,743	46·49	111,645	4,726	42·33
„ 25 to 29 „	72,650	3,736	51·42	31,282	1,874	59·90	103,932	5,610	53·97
„ 30 to 34 „	61,687	3,512	56·93	27,079	1,650	60·93	88,766	5,162	58·15
„ 35 to 39 „	38,190	2,312	60·53	16,568	1,075	64·88	54,758	3,387	61·85
„ 40 to 44 „	38,287	2,118	55·31	20,182	1,139	56·43	58,469	3,257	55·70
„ 45 to 49 „	18,263	1,167	63·89	9,297	603	64·85	27,560	1,770	64·22
„ 50 to 54 „	20,825	1,449	69·57	13,443	844	62·78	34,268	2,293	66 93
„ 55 to 59 „	7,251	613	84·54	4,565	391	85·65	11,816	1,004	84·96
„ 60 and over...	16,659	3,186	203·46	14,139	3,073	217·34	29,798	6,259	210·04
Total ...	518,093	30,718	59·29	303,671	21,243	69·96	821764	51,961	63·23

TABLE SHOWING THE TOTAL NUMBER OF DEATHS AND THE RATE OF MORTALITY IN THE FOLLOWING CLASSES SINCE 1877.

Years.	Total No. of Deaths in the City.	Brahmins.	Parsees.	Europeans.	Mussalman.	REMARKS.
1877...	33,511	29·93	23·04	30·33	45·26	
1878...	26,999	31·83	24·99	31·98	49·12	These calculations are based on the population of 1872.
1879...	22,527	27·99	20·45	24·81	41·57	
1880...	21,146	27·60	20·14	26·68	37·44	
1881...	21,856	19·05	20·10	22·77	31·05	
1882...	20,468	21·02	18·43	17·70	29·87	
1883...	23,530	23·06	22·96	18·94	34·53	
1884...	22,542	22·32	22·86	19·23	33·27	
1885...	21,850	24·69	20·43	19·23	32·02	These calculations are based on the population of 1881.
1886...	20,074	20·71	21·42	17·89	30·57	
1887...	20,513	20·85	20·47	17·22	31·74	
1888...	22,421	23·62	22·67	19·04	32·69	
1889...	23,378	24·98	22·88	20·66	35·20	
1890...	20,534	22·27	21·11	18·56	32·98	
1891...	23,847	23·66	23·28	18·60	38·29	
1892...	26,518	27·77	23·78	20·10	41·25	
1893...	23,142	23·56	22·27	18·68	37·23	
1894...	27,330	24·93	21·80	20·37	42·10	These calculations are based on the population of 1891.
1895...	25 081	25·72	22·94	20·81	39·30	
1896...	33,451	32·22	28·10	19·39	53·01	
1897...	47,896	38·72	32·61	18·77	72·77	
1898...	51,961	46·70	39·13	17·89	72·60	

TABLE SHOWING THE DEATH-RATE AMONGST EUROPEANS AND PARSEES DURING A SERIES OF YEARS.

Years.	Parsees. Per 1,000 of Population.	Europeans. Per 1,000 of Population.	REMARKS.
1872.....	28·44	29·22	These calculations are based on the population of 1872.
1873.....	21·97	24·54	
1874.....	22·31	25·51	
1875.....	21·98	32·53	
1876.....	23·74	24·69	
1877.....	23·04	30·33	
1878.....	21·99	31·98	
1879.....	20·45	21·81	
1880.....	20·14	26·88	
1881.....	20·10	22·77	These calculations are based on the population of 1881.
1882.....	18·13	17·70	
1883.....	22·06	18·91	
1884.....	22·86	19·23	
1885.....	20·43	19·23	
1886.....	21·42	17·89	
1887.....	20·17	17·72	
1888.....	22·57	19·64	
1889.....	22·88	20·66	
1890.....	21·11	18·56	
1891.....	23·28	18·60	These calculations are based on the population of 1891.
1892.....	23·78	20·10	
1893.....	22·27	18·68	
1894.....	21·80	20·37	
1895.....	22·94	20·81	
1896.....	28·10	19·39	
1897.....	32·61	18·77	
1898.....	39·13	17·89	

Mortality by sections.

100. As in 1897, the mortality in some of the most crowded sections is relatively low. It is also very remarkable that in some sections in this year a comparatively low mortality has been recorded, notwithstanding the epidemic of plague, and notwithstanding the apprehensions that have been felt. In the Fort South, the death-rate was only a little over 4 per 1,000. In a favourite locality, such as Walkeshwar, the death-rate may be expected to be low, and it will be observed that it is only just over 20 per 1,000. In the Esplanade, a locality in the distribution of its population not unlike Walkeshwar, it is only 24 per 1,000. In the suburb of Sion the mortality is only 36 per 1,000, but in the great section of Fanaswady the mortality is not higher than 48 per 1,000. In the densely populated section of the

Market, the mortality is under 50 per 1,000. In some of the suburbs the mortality is higher than in the most densely populated localities. This is partly due to the movement of the population from the city to the suburbs. But it is also greatly due to other reasons which have been discussed at length in previous Reports. I summarise these causes or reasons as follows :—(*a*) imperfect ventilation of the inside rooms in buildings; (*b*) the greater proportion of earthen floors ; (*c*) the more domestic life of the people that is a greater portion of their time spent inside their rooms and more favourable places for the growth of mosquito life in the wet places or in the gardens of the suburbs. It has to be remembered that some of the best dwellings even in Bombay for the poor are chawls, and that a large number of the poorer classes, in many of the crowded localities, have excellent dwellings, probably better ventilated dwellings than in many cities of the world. Many of the buildings occupied by the poorer classes are excellent, but the buildings are made insanitary by the people and the needs and necessities of the poor. There are a number of chawls in Bombay with rooms as good as the chambers in which Europeans live, but they are differently used to the chambers I refer to, and there is no single room in which a whole family live their life that can remain sanitary. People who do not see it do not and cannot imagine that in many a building a whole family live their life—from the cleansing to the feeding and refreshing of their bodies—in one room. One important alteration needed in the arrangements of the rooms occupied by the poorer classes is the prohibition and removal of the little bathing place or "nahni" in the corners; but condemned this must be, though such a measure will be as unpopular as the measure carried out on my advice, the prohibition of the water-supply where it causes dampness. The mortality in the densely populated sections in the East of the Island is higher than in 1897, the death-rate being 67 per 1,000 in Mandvi, 66 in Umarkadi, 64 in Dongri, and 63 in Chukla. Notwithstanding all the measures that have been adopted, portions of these sections have buildings most imperfectly ventilated. I take one street, Bengalpura, where there are 22 houses without one-side gully for ventilation or drainage. Yet portions of these sections, when drainage connections have been completed, will compare not unfavourably with crowded portions of cities even in Europe. The sections of highest mortality are Kamatipura, 2nd Nagpada, Byculla, Parel, Kumbharwada, Tardeo. The influences affecting the mortality in all these sections have been frequently described at length in my reports. The insanitary conditions in each section are well known and the remedies, although not always easy of application, are equally well recognized. Much has been done to remove the insanitary conditions and to improve the localities, as I have indicated in other portions of this report, but much has yet to be done for the people and by the people themselves. In all measures for the improvement of localities or buildings, this grave question has to be taken into consideration of how much the people can do—however willing—with the wages earned by the mass of the people to preserve their health. It is not a question of comfort—it is a question of subsistence for the many.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM ALL CAUSES BY SECTIONS IN 1898.

Wards.	Sections.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
A	Colaba... Upper	4,335	110	25·37
	Colaba... Middle and Lower	13,622	681	49·99
	Fort..... Southern	3,951	17	4·30
	Fort..... Northern	32,847	1,924	58·57
	Esplanade	10,064	250	24·84
B	Mandvi	37,295	2,501	67·05
	Chuckla	32,197	2,059	63·95
	Umarkhari	52,466	3,472	66·17
	Dongri	30,317	1,953	64·41
C	Market	44,751	2,223	49·67
	Dhobi Talao	39,945	2,368	59·28
	Panaswadi	24,069	1,144	47·53
	Bhuleshwar	38,363	2,164	56·40
	Khara Talao	27,035	1,890	69·91
	Kumbharwada	32,209	2,562	79·54
D	Khetwadi	28,814	1,785	61·94
	Girgaum	26,999	1,853	68·63
	Chaupati	11,512	405	35·18
	Walkeshwar	12,990	260	20·01
	Mahalakshmi	17,014	484	28·44
E	Mazagon	33,640	2,072	61·59
	Tarwadi	21,298	1,025	48·12
	2nd Nagpada	18,768	1,792	95·48
	Kamathipura	29,203	2,801	95·91
	Tardeo	18,980	1,463	77·08
	Byculla	47,403	4,204	88·68
	1st Nagpada	11,133	685	61·52
F	Parel	28,740	2,342	81·48
	Sewri	6,063	261	43·04
	Sion	19,601	722	36·83
G	Mahim	18,505	1,402	75·76
	Worli	25,493	1,261	49·46
Water Division		22,142	50	2·25
Non-resident and unknown		...	1,776	.....
	Total.....	821,764	51,961	63·23

TABLE SHOWING THE HIGHEST INCIDENCE OF MORTALITY BY SECTIONS FROM THE CHIEF DEATH CAUSES IN 1898

All Causes.		Fevers.		Respiratory.		Phthisis.	
Kamathipura	95·91	Parel	9·63	2nd Nagpada	21·95	2nd Nagpada	16·99
2nd Nagpada	95·48	Kumbharwada	7·91	Khara Talao	18·31	Umarkhadi	13·45
Byculla	88·68	Mahim	7·89	Chukla	16·80	Chukla	12·54
Parel	81·48	Byculla	7·15	Kamathipura	15·78	Kamathipura	11·98
Kumbharwada	79·54	Dongri	6·78	Umarkhadi	14·52	Khara Talao	10·38
Tardeo	77·08	Khara Talao	6·73	Byculla	14·09	Byculla	9·28

Plague.		Small-pox.		Measles.		Cholera.	
Kamathipura	34·41	1st Nagpada	·27	1st Nagpada	·80	Sion	·35
Girgaum	31·48	Water Division	·27	Khara Talao	·66	Mahim	·27
Kumbharwada	30·24	Mahim	·21	Dongri	·59	Dongri	·26
Tardeo	27·60	Worli	·19	2nd Nagpada	·53	Mahaluxmi	·23
Parel	26·40	Sewri	·16	Kamathipura	·51	Byculla	·23
Dhobi Talao	25·88	Mazagon	·14	Byculla	·50	Water Division	·22

No.	Street.	House No.	Side gully, &c.
1	Old Bengalpoora Street	10	No side gully.
2	"	12—14	"
3	"	16—18	"
4	"	20—22	"
5	"	24—26	"
6	"	28—32	"
7	"	34 36	"
8	"	38—40	"
9	"	42—46	"
10	"	48—50	"
11	"	52—56	"
12	"	58—60	"
13	"	62—64	"
14	"	66—68	"
15	"	25—27	"
16	"	29—31	"
17	"	3—3	"
18	"	35—37	"
19	"	39—41	"
20	"	43—45	"
21	"	47—53	"
22	"	5—5	"

Cholera and famine.

101. Amongst the ill-fed during years of famine or scarcity, the famine types of disease may be expected; and though with a better year than in 1896 and 1897, the immigration of the destitute was less, there were a large number of people who, if not famished, were in ill-health from poor food and wretched lodging. In the last report I drew attention to the fact that, synchronous with the prevalence of cholera in this city during the monsoon, the disease was epidemic in the country around.

102. The mortality from cholera this year is small, only 104 deaths were registered, being 1,161 less than 1897, and 380 less than the average. The mortality declined progressively in the first three months of the year, and later only 3 deaths were registered in June; but in July there was a slight increase.

The sections of highest mortality were Sion, Mahim, Dongri, Mahaluxmi and Byculla. Excepting one section, the northern suburbs were most affected. In 1897 the same incidence was observed.

The distribution of mortality by class shows that Native Christians had the largest number of cases, and following them, Hindus. The mortality by sex indicates that the disease fell heaviest on males, the male death-rate being ·15 per 1,000, and the female, ·07 per 1,000, although the percentage of deaths to attacks among females is slightly

higher than that of males. The mortality by place of birth is very striking; whereas there were only 9 deaths of persons whose birth-place was Bombay: there were 95 deaths of persons whose birth-places were outside Bombay.

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA BY SEX IN 1898.

	Cases.		
	Attacks.	Deaths.	Percentage of Deaths to Attacks.
Males	85	80	94·11
Females	25	24	96·00

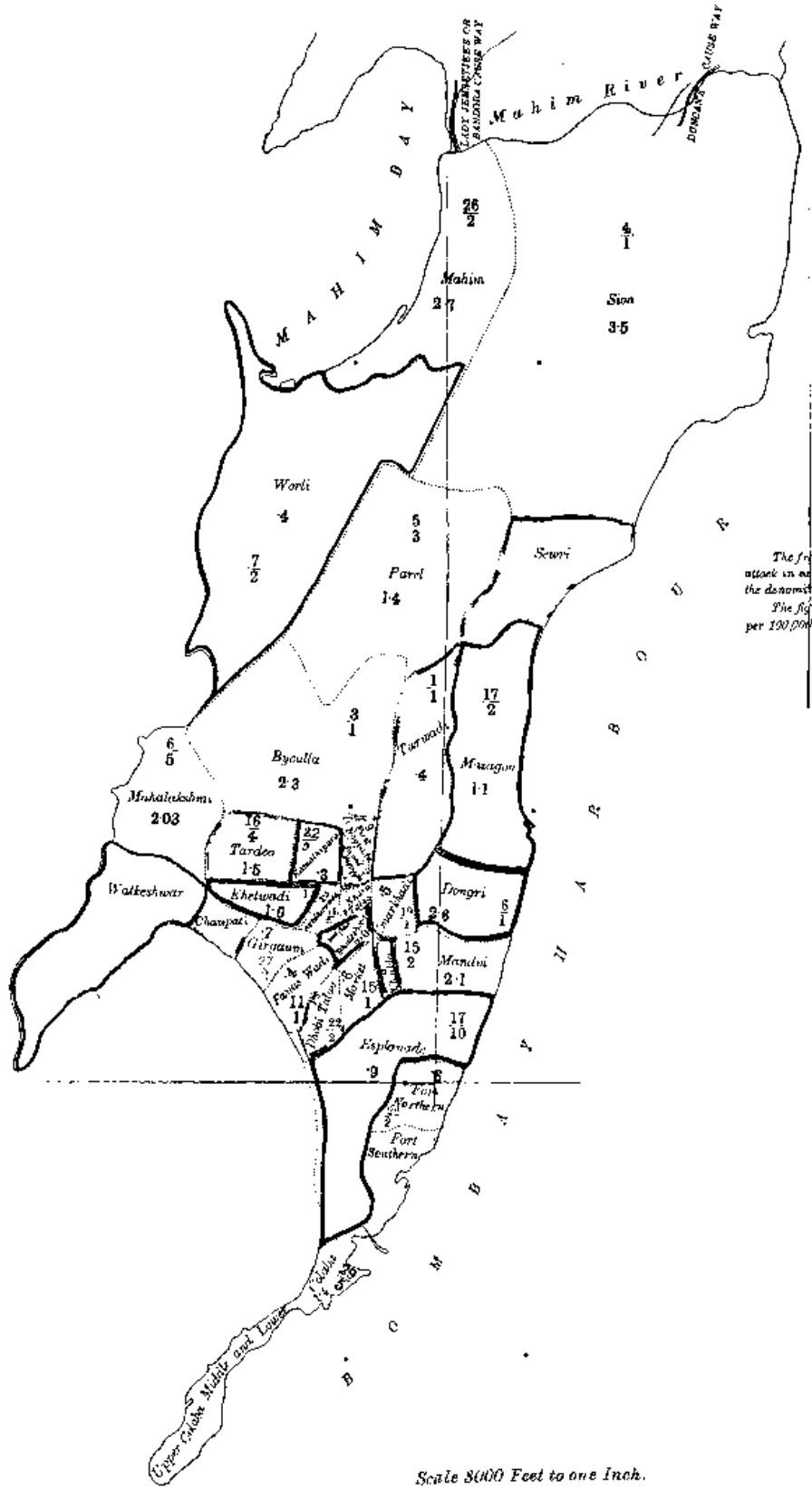
TABLE SHOWING THE NUMBER OF DEATHS FROM CHOLERA BY MONTHS IN 1898.

Months.	Number of Deaths from Cholera.
January	21
February	17
March...	12
April	8
May	8
June	3
July	12
August	3
September	8
October	5
November	3
December	4
Total ...	104

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM CHOLERA BY SECTIONS IN 1898.

Wards.	Sections.	Population by Census of 1891.	No. of Deaths.	Death-rate per 1,000 of Population.
A	Colaba { Upper	4,335	...	.....
	Colaba { Middle & Lower	13,622	2	·14
	Fort { Southern	3,951	...	.....
	Fort { Northern	32,847	2	·06
	Esplanade	10,064	1	·09
B	Mandvi	37,295	8	·21
	Chukla	32,197	1	·03
	Umarkhadi	52,466	3	·05
	Dongri	30,317	8	·26
C	Market	44,751	3	·06
	Dhobi Talao	39,945	6	·15
	Fanaswadi	24,069	1	·04
	Bhuleshwar	38,363	8	·20
	Khara Talao	27,035	1	·03
	Kumbharwada	32,209	5	·15
D	Khetwadi	28,814	3	·10
	Girgaum	26,999	2	·07
	Chaupati	11,512	...	.....
	Walkeshwar	12,990	...	.....
	Mahalakshmi	17,014	4	·23
			4	·11
E	Mazagon	33,640		
	Tarwadi	21,298	1	·04
	2nd Nagpada	13,768	1	·05
	Kamathipura	29,203	1	·03
	Tardeo	18,980	3	·15
	Byculla	47,403	11	·23
	1st Nagpada	11,133	1	·09
F	Parel	23,740	4	·14
	Sewri	6,063	...	.....
	Sion	19,601	7	·35
G	Mahim	18,505	5	·27
	Worli	25,493	1	·04
Water Division		22,142	5	·22
Non-resident and unknown		...	2	.....
	Total.....	821,764	104	·12

CHOLERA



1898.

Total Attacks	**110**
„ Deaths	**104**

	Per cent.
Proportion of Deaths to attacks ...	94·54

	Per thousand.
Death-rate amongst Males	·15
Death-rate amongst Females ...	·07

The fractional figures in red show the date of the 1st attack in each Section, the numerator showing the day and the denominator the month.

The figures in black show the death-rate from Cholera per 1000, calculated on the Census of 1891.

Scale 8000 Feet to one Inch.

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TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM CHOLERA BY CLASSES IN 1898.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	5	·19
Brahmins	37,982	4	·10
Lingaets	784	.....	.....
Bhatias	7,891	.....	.....
Hindus of other castes	451,465	69	·15
Hindus, low-caste	45,169	5	·11
Mussalman	155,101	13	·08
Parsees	47,458	1	·02
Jews	5,021	.....	.....
Native Christians	29,712	7	·23
Eurasians	4,330	.....	.....
Europeans	11,290	.....	.....
Negro-Africans	146	.....	.....
Buddhists	190	.....	.....
Other and unknown castes	.....	.....	.....
Total ...	821,764	104	·12

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM CHOLERA BY SEX AT DIFFERENT PERIODS OF LIFE IN 1898.

Ages.	Males.			Females.			Persons.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 Year	12,427	1	·08	12,864	...	...	25,291	1	·03
From 1 to 2 Years.	6,619	2	·30	6,884	...	...	13,503	2	·14
„ 2 to 3 „	6,893	...	...	7,250	...	...	14,143	...	...
„ 3 to 4 „	6,368	...	...	6,564	...	...	12,932	...	...
„ 4 to 5 „	...	...	...	...	...	...	...	...	...
„ 5 to 9 „	33,969	4	·11	32,229	1	·03	66,198	5	·07
„ 10 to 14 „	47,664	8	·16	30,242	5	·16	77,906	13	·16
„ 15 to 19 „	57,181	8	·14	33,598	2	·05	90,779	10	·11
„ 20 to 24 „	74,160	9	·12	37,485	5	·13	111,645	14	·12
„ 25 to 29 „	72,650	14	·19	31,282	4	·12	103,932	18	·17
„ 30 to 34 „	61,687	8	·13	27,079	2	·07	88,766	10	·11
„ 35 to 39 „	38,120	9	·23	16,638	..	...	54,758	9	·16
„ 40 to 44 „	38,287	5	·13	20,182	1	·04	58,469	6	·10
„ 45 to 49 „	18,263	3	·16	9,297	...	...	27,560	3	·10
„ 50 to 54 „	20,825	3	·14	13,443	2	·14	34,268	5	·14
„ 55 to 59 „	7,251	2	·27	4,565	1	·22	11,816	3	·25
„ 60 and over.....	15,659	4	·25	14,139	1	·07	29,798	5	·16
Total...	518,093	80	·15	303,671	24	·07	821,764	104	·12

Mortality from Cholera by source of water-supply.

• The mortality from cholera according to the source of water-supply shows that 80 people who used Vehar water were attacked, of whom 75 died, and 1 only who used well water. In 29 cases the source of water-supply was not known.

The mortality when analysed, according to the period of residence, exhibits the usual phenomena. Of the total cases 16 were under 3 months, and 8 were under 6 months in Bombay. The mortality by place of birth exhibits the influence of immigration, and the susceptibility of immigrants to cholera. Of the 110 cases as already stated, only 9 occurred among persons born in Bombay.

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO THE SOURCE OF WATER-SUPPLY IN 1898.

Water-supply.	Cases.		Percentage of Deaths to Attacks.
	Attacks.	Deaths.	
Vehar, Tulsi and Tansa	80	75	93·75
Well-water	1	1	100·00
Unknown...	29	28	96·55

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO DURATION OF RESIDENCE IN BOMBAY IN 1898.

Duration of Residence in Bombay.	Cases.		
	Attacks.	Deaths.	Percentage of Deaths to Attacks.
Under 3 months	16	15	93·75
„ 6 „	8	8	100·00

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO PLACE OF BIRTH IN 1898.

Birth-place.	Cases.		
	Attacks.	Deaths.	Percentage of Deaths to Attacks.
Bombay	9	9	100·00
Elsewhere	101	95	94·05

Fevers.

103. 4,114 deaths were registered from fevers, being 2,837 less than last year, and 2,772 less than the average. Of the deaths from fevers, 3,716 were referred to remittent fever, being 2,188 less than in 1897, and 1,957 less than the average. 259 deaths were ascribed to simple fever, being 530 less than in 1897 and 652 less than the average. To ague 102 deaths were referred, being 123 less than in 1897, and 170 less than the average. To enteric fever 37 deaths were referred, being 4 more than in 1897, and 7 more than the average.

104. The mortality from fevers did not follow the same incidence as in 1897. In that year the mortality from fevers decreased in the

Fevers.

first half of the year as the epidemic of plague declined, and again increased in the rains with the revival of Plague. It will be remembered that through the monsoon of 1897 there was a serious increase in the mortality from fevers concurrently with the prevalence of cholera. In 1898, the increase during the rains concurrently with the recrudescence of plague was observed later and proved to be much lower. Taking the whole year 1898, the fluctuations in the mortality from fevers were much lower than in 1897. The highest mortality was registered in March and the lowest in the second month of the rains in July. The investigations of Ross on the conveyance of malarial organisms by mosquitoes, suggests to us the necessity of studying the mosquito life of this Island. The part played by the mosquito suggests also an explanation of the fluctuations in the district mortality.

Mortality from Fever by classes and months.

105. There were however great fluctuations observed in the mortality from fevers in different months in some classes. In April, the mortality from fevers amongst low-caste Hindus rose from 1·3 per 1,000 in March, to 8·2 per 1,000 in April, and remained high till November. The mortality amongst Musulman decreased in April and continued to decline till August. The mortality amongst Parsees reached its maximum in February and did not rise again during the year. The mortality amongst Europeans was very low in January, and in February and March there were no deaths; but in April and May the mortality rose, to decline in June. It ascended in July and August and descended in September, to rise again in October. There were no deaths in November and December. In this year, as in 1897, the mortality amongst Brahmins is low. The mortality by class fluctuates between 1·7 amongst Europeans, and 6·9 amongst Hindu low-castes. The mortality of Musulman is lower, and the death-rate among Parsis is a little above that of Europeans.

TABLE SHOWING THE NUMBER OF DEATHS FROM FEVERS BY MONTHS IN 1898.

Months.	Number of Deaths from Fevers.
January	295
February	372
March	481
April	340
May	343
June	277
July	257
August	299
September	394
October	347
November	327
December	382
Total	4,114

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM FEVERS BY CLASSES IN 1898.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	127	5·03
Brahmins	37,982	130	3·42
Lingaets	784	2	2·55
Bhatias	7,891	23	2·91
Hindus of other castes	451,465	2,292	5·07
Hindus, low-caste	45,169	312	6·90
Mussalman	155,101	870	5·61
Parsis	47,458	137	2·88
Jews	5,021	16	3·18
Native Christians	29,712	156	5·25
Eurasians	4,330	21	4·85
Europeans	11,290	20	1·77
Negro-Africans	146	8	54·79
Buddhists	190	.....	.....
Other and unknown castes	.....	.....	.....
Total.....	821,764	4,114	5·00

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM FEVERS BY CLASSES AND MONTHS IN 1898.

Classes.	Population by Census of 1891.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		TOTAL.	
		No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.
Jains	25,225	11	5·23	14	6·66	9	4·28	6	2·85	8	3·84	13	6·18	5	2·37	15	7·13	14	6·66	14	6·66	7	3·33	11	5·23	127	5·03
Brahmins	37,982	9	2·84	15	4·74	23	7·26	10	3·15	7	2·21	8	2·52	5	1·57	11	3·47	5	1·57	14	4·42	12	3·78	11	3·47	130	3·42
Lingaets	784	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	15·30	1	15·30	..	..	..	..	2	2·55
Bhatias	7,891	4	6·08	7	10·64	1	1·52	3	4·56	3	4·56	1	1·52	..	..	..	..	..	...	3	4·56	..	..	1	1·52	23	2·91
Hindus of other castes	451,465	143	3·80	191	5·07	262	6·95	171	4·53	179	4·74	138	3·66	143	3·80	182	4·82	244	6·48	199	5·29	215	5·71	225	5·97	2292	5·07
Do. low-caste	45,169	16	4·25	7	1·85	5	1·32	31	8·23	30	7·96	27	7·16	36	9·51	28	7·43	48	12·75	28	7·43	22	5·84	34	9·02	312	6·90
Mussulman	155,101	81	6·26	91	7·03	144	11·13	86	6·65	88	6·80	62	4·79	46	3·55	35	2·70	53	4·10	61	4·71	47	3·63	76	5·87	870	5·61
Parsis	47,458	11	2·78	25	6·32	11	2·78	12	3·03	9	2·27	14	3·54	6	1·51	10	2·52	9	2·27	10	2·52	11	2·78	9	2·27	137	2·88
Native Christians	29,712	14	5·65	17	6·86	20	8·07	15	6·05	10	4·03	9	3·63	9	3·63	12	4·84	12	4·84	12	4·84	12	4·84	14	5·65	156	5·25
Europeans	11,290	1	1·06	..	..	..	..	3	3·18	4	4·25	1	1·06	3	3·18	2	3·18	2	2·12	3	3·18	..	..	..	..	20	1·77

106. The highest mortality from fevers occurred in Parel, Mahim, Kumbharwada and Byculla. It will be observed that in 1898, as was seen in 1897, the mortality in some of the most crowded sections is less than in the suburbs. Except in one suburb, Sion, the mortality in all the suburbs is above the average. I believe the part played by the mosquito in the communication of fevers will be found to be the explanation of this incidence of fevers in localities. I would draw attention to a most interesting paper on the subject by Surgeon-General Harvey in the last report of the Sanitary Commissioner with the Government of India. Mortality from Fevers by Sections.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM FEVERS BY SECTIONS IN 1898.

Wards.	Sections.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
A	Colaba... Upper	4,335	4	·92
	Colaba... Middle and Lower	18,622	48	3·52
	Fort..... Southern	3,951	...	.....
	Fort..... Northern	32,847	112	3·40
	Esplanade	10,064	29	2·88
B	Mandvi	37,295	214	5·73
	Chukla	32,197	131	4·06
	Umarkhadi	52,466	242	4·61
	Dongri	30,317	205	6·78
C	Market	44,751	147	3·29
	Dhobi Talao	39,945	172	4·30
	Panaswadi	24,069	95	3·94
	Bhuleshwar	38,363	115	2·99
	Khara Talao	27,035	182	6·73
	Kumbharwada	32,209	255	7·91
D	Khetwadi	28,814	179	6·21
	Girgaum	26,999	135	5·00
	Chaupati	11,512	21	1·82
	Walkeshwar	12,990	19	1·46
	Mahalakshmi	17,014	32	1·88
E	Mazagon	33,640	169	5·02
	Tarwadi	21,298	114	5·35
	2nd Nagpada	18,768	100	5·32
	Kamathipura	29,203	183	6·26
	Tardeo	18,980	88	4·63
	Byculla	47,403	339	7·15
	1st Nagpada	11,133	46	4·13
F	Parel	28,740	277	9·63
	Sewri	6,063	37	6·10
	Sion	19,601	63	3·21
G	Mahim	18,505	146	7·89
	Worli	25,493	158	6·19
Water Division		22,142	3	0·13
Non-resident and unknown		.....	53	.....
	Total.....	821,764	4,114	5·00

107. As in previous years, fevers were most fatal amongst females, but the excess of female fatality is less than in 1897. Mortality from Fevers by sex.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM FEVERS BY SEX AT DIFFERENT PERIODS OF LIFE IN 1898.

Ages.	MALES.			FEMALES.			PERSONS.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 Year	12,427	143	11·50	12,864	164	12·74	25,291	307	12·13
From 1 to 2 Years.	6,619	73	11·03	6,884	69	10·02	13,503	142	10·51
„ 2 to 3 „	6,893	43	6·23	7,250	47	6·48	14,143	90	6·36
„ 3 to 4 „	6,368	30	4·71	6,564	23	3·50	12,932	53	4·09
„ 4 to 5 „	...	29	...	.....	36	...	.....	65	...
„ 5 to 9 „	33,969	105	3·09	32,229	147	4·56	66,198	252	3·80
„ 10 to 14 „	47,664	194	4·07	30,242	199	6·58	77,906	393	5·04
„ 15 to 19 „	57,181	196	3·42	33,598	134	3·98	90,779	330	3·63
„ 20 to 24 „	74,160	232	3·93	37,485	131	3·49	111,645	423	3·78
„ 25 to 29 „	72,650	358	4·92	31,282	165	5·27	103,932	523	5·03
„ 30 to 34 „	61,687	288	4·66	27,079	106	3·91	88,766	394	4·43
„ 35 to 39 „	38,190	177	4·63	16,568	90	5·43	54,758	267	4·87
„ 40 to 44 „	38,287	148	3·86	20,182	88	4·36	58,469	236	4·03
„ 45 to 49 „	18,263	104	5·69	9,297	45	4·84	27,560	149	5·40
„ 50 to 54 „	20,825	108	5·18	13,443	52	3·86	34,268	160	4·66
„ 55 to 59 „	7,251	53	7·30	4,565	35	7·66	11,816	88	7·44
„ 60 and over ...	15,659	132	8·42	14,139	110	7·77	29,798	242	8·12
Total ...	518,093	2,473	4·77	303,671	1,641	5·40	821,764	4,114	5·00

108. A total of 546 deaths was registered from relapsing fever. There were two recrudescences of the disease during the year—one in the cold season attaining its maximum in March, and the second attaining its maximum in the rainy season in October, the maxima periods of intensity corresponding with the maxima periods of intensity of plague. In the Arthur Road Hospital 1,581 cases of relapsing fever were admitted, of whom 329, or 20·8 per cent., died. It is well to contrast this mortality with the death-rate of 73·25 from plague, which was nearly 7 per cent. higher than in 1896-97. Relapsing Fever.

STATEMENT SHOWING THE DEATHS FROM RELAPSING FEVER BY MONTHS DURING 1898.

Months.	Number of Deaths.
January	37
February	63
March	71
April	16
May	22
June	28
July	23
August	43
September	57
October	99
November	45
December	42
Total	546

109. From measles 254 deaths were registered, being 105 less than in 1897, and 190 less than the average. The distribution of the mortality follows nearly the same course as in former years, being highest among the Hindu low-castes of all large sections of the population. The death-rate amongst Jews comes next, followed by the mortality amongst Musalman. As in preceding years the mortality amongst females was higher than amongst males, the death-rate amongst females being ·44 per 1,000, and males ·22 per 1,000. Mortality from Measles.

Under 4 years of age the fatality was greatest, being highest in the first 2 years of life.

The distribution of mortality by sections is heaviest in the following :—1st Nagpada, Khara Talao, Dongri, 2nd Nagpada, Kamathipura and Byculla—all sections densely populated and having a large number of the poorer classes. These sections were in former years sections of high fatality from measles.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM MEASLES BY CLASSES IN 1898.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	7	·27
Brahmins...	37,982	3	·07
Lingaets	784	1	1·27
Bhatias	7,891	1	·12
Hindus of other castes	451,465	143	·31
Hindus, low-caste	45,169	34	·75
Musalman	155,191	52	·33
Parsis	47,458	7	·14
Jews	5,021	2	·39
Native Christians	29,712	2	·06
Eurasians	4,330	1	·23
Europeans	11,290	1	·08
Negro-Africans	146	.....	.....
Buddhists	190	.....	.....
Other and unknown castes	...	.....	.....
Total...	821,764	254	·30

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM MEASLES BY SEX AT DIFFERENT PERIODS OF LIFE IN 1898.

Ages.	MALES.			FEMALES.			PERSONS.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 Year	12,427	41	3·29	12,864	39	3·03	25,291	80	3·16
From 1 to 2 Years.	6,619	35	5·28	6,884	38	5·52	13,503	73	5·40
,, 2 to 3 ,,	6,893	7	1·01	7,250	19	2·62	14,143	26	1·83
,, 3 to 4 ,,	6,368	8	1·25	6,564	13	1·98	12,932	21	1·62
,, 4 to 5 ,,	.....	11	...	.....	5	...	.....	16	...
,, 15 to 9 ,,	33,969	12	·35	32,229	17	·52	66,198	29	·43
,, 10 to 14 ,,	47,664	1	·02	30,242	3	·09	77,906	4	·05
,, 15 to 19 ,,	57,181	1	·01	33,598	2	·05	90,779	3	·03
,, 20 to 24 ,,	74,160	...	...	37,485	...	...	111,645	...	...
,, 25 to 29 ,,	72,650	2	·02	31,282	...	...	103,932	2	·01
,, 30 to 34 ,,	61,687	...	...	27,079	...	...	88,766	...	...
,, 35 to 39 ,,	38,190	...	...	16,568	...	...	54,758	...	...
,, 40 to 44 ,,	38,287	...	...	20,182	...	...	58,469	...	...
,, 45 to 49 ,,	18,263	...	...	9,297	...	...	27,560	...	...
,, 50 to 54 ,,	20,825	...	...	13,443	...	...	34,268	...	...
,, 55 to 59 ,,	7,251	...	...	4,565	...	...	11,816	...	...
,, 60 and over ...	15,659	...	...	14,139	...	...	29,798	...	...
Total...	518,093	118	·22	303,671	136	·44	821,764	254	·30

Table showing the Number of Deaths and the Death-rate from Measles by Sections in 1898.

Wards.	Sections.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
A	Colaba { Upper	4,335	.....	.....
	Colaba { Middle and Lower	13,622	3	·22
	Fort { Southern	3,951	.....	.....
	Fort { Northern	32,847	7	·21
	Esplanade	10,064	.....	.....
B	Mandvi	37,295	12	·32
	Chukla	32,197	10	·31
	Umarkhadi	52,466	21	·40
	Dongri	30,317	18	·59
C	Market	44,751	4	·09
	Dhobi Talao	39,945	11	·27
	Funaswadi	24,069	6	·25
	Bhuleshwar	38,363	6	·15
	Khara Talao	27,035	18	·66
	Kumbharwada	32,209	11	·34
D	Khetwadi	28,814	12	·41
	Girgaum	26,999	1	·03
	Chaupati	11,512	2	·17
	Walkeshwar	12,990	1	·07
	Mahalakshmi	17,014	1	·05
E	Mazagon	33,640	5	·14
	Tarwadi	21,298	9	·42
	2nd Nagpada	18,768	10	·53
	Kamathipura	29,203	15	·51
	Tardeo	18,980	8	·42
	Byculla	47,403	24	·50
	1st Nagpada	11,133	9	·80
F	Parel	28,740	12	·41
	Sewri	6,063	.....	.....
	Sion	19,601	9	·46
G	Mahim	18,505	1	·05
	Worli	25,493	5	·19
Water Division		22,142	.....	.....
Non-resident and unknown		.....	3	.....
	Total.....	821,764	254	·30

Phthisis

110. 5,624 deaths were registered from phthisis, being 303 less than in 1897, and 1,372 more than the average. The mortality follows the same incidence, in spite of plague, as in former years. In each year it has testified to the great loss of life caused by seclusion in crowded and ill-ventilated dwellings. The same sections in this year as in the past are sections of high mortality. The sections of ill-repute for this disease are—2nd Nagpada, Umarkhadi, Chuckla, Kamathipura, Khara Talao and Byculla. Byculla has this year, with an increasing population, displaced Bhuleshwar. These are the sections to which the attention of the Improvement Trust has been drawn, and it has, as I know, been already given to them, and surveys have been made. What is wanted in all these sections is more ventilation of building and more ventilation of locality. There are too many houses and people. The number of houses must be reduced, and the number of rooms in the houses that are left, must be fewer. The reduction of mortality as compared with 1897 is due to a lower death-rate amongst females, the number of deaths of females being 2,940 against 3,075 in the last year. But though there is a reduction in the total female mortality, it will be observed from the table that the mortality amongst females is yet very nearly double that of males. This great tax of disease falls on Mussulman and some high class Hindus. In the mass of the poor Hindu population, in spite of the laborious lives of the women, the mortality is less than half the loss of life of Mussulman. There is a decrease of 173 in the mortality amongst Mussulman, but I think this must be chiefly ascribed to a decrease in the female population.

The decrease in the mortality from phthisis indicates one of two things, *i.e.*, either that there had not been great concealment of plague, or that the phthisical population had been reduced by plague. Both amongst males and females, the mortality rose after 10 years of age, as was observed in 1897. In the period between 10 and 14 the first great divergence in the mortality between males and females occurs. This is the period when women come under the conditions that most favour the communication of phthisis. At this time of life, it will be observed, the female mortality is more than three times the male death-rate.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PHTHISIS BY CLASSES IN 1898.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	180	7·13
Brahmins...	37,982	170	4·47
Lingaets	784	14	17·85
Bhatias	7,391	43	5·45
Hindus of other castes	451,465	2,391	5·29
Hindus, low-caste	45,169	332	7·35
Mussulman	155,101	2,265	14·60
Parsees	47,458	78	1·64
Jews	5,021	10	1·99
Native Christians	29,712	72	2·42
Eurasians	4,330	20	4·61
Europeans	11,290	6	0·53
Negro-Africans	146	42	287·67
Buddhists	190	.....	.....
Other and unknown castes	.....	1	.....
Total ...	821,764	5,624	6·84

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PHTHISIS BY SECTIONS IN 1898.

Wards.	Sections.	Population by Census of 1891.	Number of Deaths.	Death rate per 1,000 of Population.
A	Colaba... Upper	4,335	9	2·07
	Colaba... Middle and Lower	13,622	28	2·05
	Fort..... Southern	3,951	2	5·06
	Fort..... Northern	32,847	115	3·50
	Esplanade	10,064	16	1·59
B	Mandvi	37,295	301	8·07
	Chukla	32,197	404	12·54
	Umarkhadi	52,466	706	13·45
	Dongri	30,317	161	5·31
C	Market	44,751	187	4·18
	Dhobi Talao	39,945	187	4·68
	Fanaswadi	24,069	82	3·40
	Bhuleshwar	38,363	348	9·07
	Khara Talao	27,035	281	10·38
	Kumbharwada	32,209	259	8·04
D	Khetwadi	28,814	176	6·10
	Girgaum	26,999	185	6·85
	Chaupati	11,512	36	3·12
	Walkeshwar	12,990	19	1·46
	Mahalakshmi	17,014	60	3·52
E	Mazagon	33,640	154	4·57
	Tarwadi	21,298	89	4·18
	2nd Nagpada	18,768	319	16·99
	Kamathipura	29,203	350	11·98
	Tardeo	18,980	130	6·84
	Byculla	47,403	440	9·28
	1st Nagpada	11,133	70	6·28
F	Parel	28,740	169	5·88
	Sewri	6,063	20	3·29
	Sion	19,601	64	3·26
G	Mahim	18,505	115	6·21
	Worli	25,493	100	3·92
Water Division		22,142	1	0·04
Non-resident and unknown		...	41	...
	Total...	821,764	5,624	6·84

TABLE SHOWING THE NUMBER OF DEATHS, AND THE DEATH-RATE FROM PHTHISIS BY SEX AT DIFFERENT PERIODS OF LIFE IN 1898.

Ages.	MALES.			FEMALES.			PERSONS.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 Year	12,427	6	·48	12,864	6	·46	25,291	12	·47
From 1 to 2 Years	6,619	10	1·51	6,884	7	1·06	13,503	17	1·25
„ 2 to 3 „	6,393	6	·87	7,250	11	1·51	14,143	17	1·20
„ 3 to 4 „	6,368	9	1·41	6,564	7	1·06	12,932	16	1·23
„ 4 to 5 „	.....	5	...	.....	12	...	.....	17	...
„ 5 to 9 „	33,909	51	1·50	32,229	61	1·89	66,198	112	1·69
„ 10 to 14 „	47,664	109	2·28	30,242	229	7·57	77,906	338	4·33
„ 15 to 19 „	57,181	167	2·92	33,598	317	9·43	90,779	484	5·33
„ 20 to 24 „	74,160	295	3·97	37,485	430	11·47	111,645	725	6·49
„ 25 to 29 „	72,650	381	5·24	31,282	402	12·85	103,932	783	7·53
„ 30 to 34 „	61,687	407	6·59	27,079	380	14·03	88,766	787	8·86
„ 35 to 39 „	38,190	262	6·86	16,568	248	14·96	54,758	510	9·31
„ 40 to 44 „	38,287	342	8·93	20,182	286	14·17	58,469	628	10·74
„ 45 to 49 „	18,263	179	9·80	9,297	119	12·79	27,560	298	10·81
„ 50 to 54 „	20,825	204	9·79	13,443	161	11·97	34,268	365	10·65
„ 55 to 59 „	7,251	75	10·34	4,565	56	12·26	11,816	131	11·08
„ 60 and over ...	15,059	176	11·23	14,189	208	14·71	29,798	384	12·88
Total ...	518,093	2,684	5·18	303,671	2,940	9·68	821,764	5,624	6·84

111. During the year only 55 deaths were registered from small-pox against 57 in 1897. Of the deaths from this disease 36 occurred amongst the mass of the Hindu population, and 11 amongst Mussulman. As in the previous year, when the disease was not epidemic, it was most prevalent in certain sections, which are insanitary and have a large proportion of unvaccinated. The mortality at age periods was highest under 5 years of age. Mortality from Small-pox.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM SMALL-POX BY CLASSES IN 1898.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	.....	.....
Brahmins	57,982	1	·02
Lingaets	784	.....	.....
Bhatias	7,891	.....	.....
Hindus of other Castes	451,465	36	·08
Do. low-caste	45,169	3	·06
Mussalman	156,101	11	·07
Parsees	47,458	1	·02
Jews	5,021	.....	.....
Native Christians	29,712	3	·10
Eurasians	11,330	.....	.....
Europeans	11,290	.....	.....
Negro-Africans	146	.....	.....
Buddhists	190	.....	.....
Other and unknown castes	.....	.....	.....
Total.....	821,764	55	·06

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM SMALL-POX BY SECTIONS IN 1898.

Wards.	Sections.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
A	Colaba—Upper	4,335	...	...
	Colaba—Middle and Lower	13,622	...	...
	Fort—Southern	3,951	...	...
	Fort—Northern	32,847	1	·03
	Esplanade	10,064	...	...
B	Mandvi	37,295	3	·08
	Chukla	32,197	1	·03
	Umarkhadi	52,466	1	·01
	Dongri	30,317	3	·09
C	Market	44,751	...	...
	Dhobi Talao	39,945	5	·12
	Fanaswadi	24,069	1	·04
	Bhuleshwar	38,363	...	...
	Khara Talao	27,035	1	·03
	Kumbharwada	32,209	2	·06
D	Khetwadi	28,814	...	...
	Girgaum	26,999	1	·03
	Chaupati	11,512	...	...
	Walkeshwar	12,990	1	·07
	Mahalakshmi	17,014	...	...
E	Mazagon	33,640	5	·14
	Tarwadi	21,298	...	...
	2nd Nagpada	18,768	...	...
	Kamathipura	29,203	4	·13
	Tardeo	18,980	2	·10
	Byculla	47,403	1	·02
	1st Nagpada	11,133	3	·27
F	Parel	28,740	3	·10
	Sewri	6,063	1	·16
	Sion	19,601	1	·05
G	Mahim	18,505	4	·21
	Worli	25,493	5	·19
	Water Division	22,142	6	·27
	Non-resident and unknown	.....	...	...
	Total	821,764	55	·06

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM SMALL-POX BY SEX AT DIFFERENT PERIODS OF LIFE IN 1898.

Ages.	Males.			Females.			Persons.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 Year	12,427	6	·48	12,864	7	·54	25,291	13	·51
From 1 to 2 Years.	6,619	2	·30	6,884	2	·29	13,503	4	·29
„ 2 to 3 „	6,893	...	...	7,250	1	·13	14,143	1	·07
„ 3 to 4 „	6,368	1	·15	6,564	2	·30	12,932	3	·23
„ 4 to 5 „	.....	1	...	.....	...	...	.....	1	...
„ 5 to 9 „	33,969	2	·06	32,229	3	·09	66,198	5	·07
„ 10 to 14 „	47,664	7	·14	30,242	3	·09	77,906	10	·12
„ 15 to 19 „	57,181	1	·01	33,598	...	...	90,779	1	·01
„ 20 to 24 „	74,160	4	·05	37,485	...	...	111,645	4	·03
„ 25 to 29 „	72,650	1	·01	31,282	2	·06	103,932	3	·02
„ 30 to 34 „	61,687	1	·01	27,079	1	·03	88,766	2	·02
„ 35 to 39 „	38,190	2	·05	16,568	2	·12	54,758	4	·07
„ 40 to 44 „	38,287	2	·05	20,182	...	...	58,469	2	·03
„ 45 to 49 „	18,263	...	...	9,297	...	...	27,560	...	...
„ 50 to 54 „	20,825	...	...	13,443	1	·07	34,268	1	·02
„ 55 to 59 „	7,251	...	...	4,565	...	...	11,816	...	...
„ 60 and over...	15,659	...	...	14,139	1	·07	29,798	1	·03
Total,.....	518,093	30	·05	303,671	25	·08	821,764	55	·06

ly Return of Vaccination by the Superintendent of Vaccination, Presidency Circle, Bombay,

PRIMARY VACCINE OPERATIONS.

ssalmans.				Other Castes.			AGE.										RESULTS.											
	Negro-Afr.	Total.	Parsis.	H. Outcastes.	Jews.	Total.	Under 1 Year.				Under 6 Years.				Upwards.				Under one Year.			Under 6 Years.			Upwards.			Total Results.			
							3 Months.	6 Months.	12 Months.	Total. *	23 Months.	4 Years.	6 Years.	Total.	9 Years.	13 Years.	24 Years.	44 Years.	Total.	Successful.	Failed.	Unknown.	Successful.	Failed.	Unknown.	Successful.	Failed.	Unknown.	Successful.	Failed.	Unknown.	Total.
7	3	203	98	55	8	63	27	220	304	551	88	43	5	136	1	3	2	1	7	515	8	24	121	..	16	5	..	2	641	8	52	701
6	2	43	94	34	15	49	37	156	177	369	50	17	1	68	..	2	..	1	3	343	5	24	63	2	8	2	..	1	408	7	28	443
9	5	124	93	67	13	80	38	187	223	428	42	20	1	63	..	..	3	2	5	417	..	12	57	1	5	..	..	5	474	1	22	497
2	..	122	58	57	13	70	37	188	249	474	73	30	..	103	1	..	..	..	1	447	6	21	95	2	6	1	..	..	543	8	27	578
4	..	91	3	122	17	139	35	211	343	589	67	54	3	124	..	1	2	..	3	567	4	19	110	1	15	2	..	1	679	5	35	719
5	..	109	63	157	10	167	25	338	643	1001	135	125	9	269	5	1	1	..	7	970	3	30	248	4	18	5	..	2	1223	7	50	1280
8	..	288	76	126	9	145	32	331	762	1125	168	144	9	321	2	3	1	..	6	1090	3	35	311	6	4	5	..	1	1406	9	40	1455
2	..	252	107	100	17	207	44	313	638	995	129	109	3	241	2	3	5	5	15	940	13	43	230	4	9	..	..	15	1170	17	67	1254
8	2	210	63	186	4	190	35	296	699	1030	171	139	6	316	4	1	2	..	7	930	11	46	222	5	20	7	..	..	1279	16	66	1361
5	..	195	45	152	14	166	29	229	520	778	132	115	7	254	..	..	..	..	..	696	28	59	223	10	22	..	..	..	919	38	81	1038
1	72	263	95	200	15	215	70	322	721	1113	198	147	9	354	9	22	32	19	82	1071	11	42	337	3	18	77	1	4	1485	15	64	1564
2	42	314	113	128	14	142	60	347	636	1042	183	128	11	322	7	4	32	5	48	1014	3	32	310	..	12	46	..	2	1370	3	46	1419
	126	2439	907	1484	149	1633	469	3132	5894	9495	1436	1071	64	2571	31	40	80	33	184	9060	95	397	2397	38	148	160	1	33	11637	134	678	12309
	2439			1633			9495				2571				184					9542			2583			194					

112. From the accompanying statement showing the mortality from Plague in hospitals, it will be observed that the mortality in the Arthur Road Hospital has been higher than in 1897, but the results obtained in the Arthur Road Hospital may be considered to be the best that can be expected from any treatment amongst the class of patients admitted into, and treated in that hospital. Mortality in Hospitals.

Name of Hospital.	Number Admitted.	Number Died.	Percentage of Mortality.	Remarks.
Arthur Road Hospital	2,187	1,602	73·25	
Modikhana Hospital	1,083	814	75·16	
Maratha Hospital	1,869	1,487	79 58	
Bhatia Hospital	261	208	79 69	
Mahomedbhoy Ebrahim Hospital	186	94	50·53	
Dartasthan Lohana Hospital	516	360	69·76	
Port Trust Hospital	196	142	72 44	
Third Bholwada Hospital	175	135	77·14	
Modi and Porvad Hospital	111	*85	51·95	* 24 of which were admitted in a moribund condition.
Haji Casum Joosub's Hospital	73	39	53·42	
Kapol and Lad Hospital	238	172	75·43	
Jain Pinjrapole Hospital	479	351	73 27	
General Mahomedan Hospital	32	† 11	50·00	†These figures are from 5th October 1898 to 31st December 1898.
Marwadi Fatepura Hospital	98	74	75·51	
Thakurdwar Lohana Hospital	61	45	73·77	
Adamji Peerbhai Hospital	243	141	58·02	
Jullai Sunni Hospital	26	19	73 07	
Bene-Israel Hospital	47	20	42·40	
Jain Parel Hospital	395	272	76·93	
Telugu Hospital	227	173	75·10	
Parsi Fever Hospital	417	212	47·44	
Stuart Strong Hospital	13	5	41·08	
Pathare Prabhu Hospital	64	48	75·00	
Khastriya Fever Hospital	12	11	91 66	
Petit Mills Hospital	5	30	60·00	
Hindu Fever Hospital	390	315	80 77	
Brahma Khatri Hospital	40	32	80·00	
Vasanji Trikamji Hospital	63	45	71·42	
Islam Nagdevi Hospital	103	50	48·54	
Sarvajanik Hospital (Parel Government House)	795	‡ 554	79 45	‡ These figures are up to 2nd May 1898 when the hospital was closed.

Mortality from other causes.

113. From diseases of the *digestive system* 4,602 deaths were registered, being 66 less than in 1897, and 1,472 more than the average. Of this mortality, 1,800 were referred to diarrhœa, being 69 less than in 1897 and 312 more than the average. From dysentery, 1,585 deaths were registered, being 97 less than in 1897, and 722 more than the average. To all other diseases of the digestive system, 1,217 deaths were registered, being 100 more than in 1897, and 438 more than the average.

From diseases of the *nervous system*, 2,577 deaths were registered, being 436 more than in 1897, and 389 more than the average.

To diseases of the *circulatory system*, 358 deaths were referred, being 125 more than in 1897, and 165 more than the average.

From diseases of the *urinary system*, 197 deaths were registered, being 62 more than in 1897, and 101 more than the average.

To the *generative system*, 704 deaths were referred, being 174 more than in 1897, and 380 more than the average.

To diseases of the organs of *locomotion* and *cellular tissue*, 146 deaths were referred, being 15 less than in 1897, but 36 more than the average.

From affections of the *cutaneous system*, 64 deaths were registered, being the same number as in 1897, but 27 more than the average.

To *dropsy* 166 deaths were referred, being 29 less than in 1897, but 21 more than the average.

From *leprosy* 51 deaths were registered, being 12 less than in 1897 and one less than the average.

8,423 deaths were registered from diseases of the *respiratory system*, being 566 more than in 1897, and 2,885 more than the average. Of the deaths from diseases of the Respiratory system, 4,458 were referred to *bronchitis*, being 372 less than in 1897, and 1,136 more than the average. To *pneumonia*, 1,370 deaths were referred, being 38 more than in 1897 and 20 more than the average. To *whooping cough* 182 deaths were registered, being 99 less than in 1897.

From diseases of the *eye*, *ear* and *nose* 11 deaths were registered.

To *old age* and *debility* 3,135 deaths were ascribed, being 71 less than in 1897, and 542 more than the average.

The number of premature births is 38, being 17 more than in 1897 and 8 more than the average.

To *accidents* and *violence*, 559 deaths were registered, being 39 more than in 1897, and 91 more than the average.

To *poisoning* 65 deaths were referred, being 27 more than in 1897 and 9 more than the average. Of the deaths from poisoning, 32 were reported to have been accidental, 29 suicidal, and 4 unknown. To *drowning* 124 deaths were due, being 32 more than in 1897, and 25 more than the average.

Births.

114. 10,784 living and 1,569 still-born births were registered, being 1,448 more than in the last year. Of the living births 5,640, were males and 5,144 were females. The proportion of males to females by the census of 1891 was as 170·60 to 100 and assuming that there were 100 females to 100 males, the birth-rate would be equal to 22·38 per 1,000 of population.

Vital Statistics.

115. The decrease in the birth-rate, which has been observed in the areas affected by plague, is a phenomenon that must be anticipated from a study of the historical events that have marked all plague epidemics. It is a phenomenon so constant in plague epidemics that, had it not been observed in Bombay, the *birth registration* must have been condemned as untrue. The birth-rate in Bombay, assuming that there are 100 males to 100 females, was equal to 32·55 in 1895 to 32·97 in 1896, to 19·38 in 1897 and 22·38 in 1898. Had the birth-rate been of nearly normal rate in 1897 and 1898, it would have been due either to incorrect registration or to an extraordinary immigration of women.

Birth-rate by Communities.

116. The birth-rate fluctuates in communities according to the proportion of males to females, being nearly normal in the classes with the highest proportion of females. The highest birth-rate was registered among Hindu low-castes, being 30 per 1,000. I exclude the small community of Africans, amongst whom the birth and death-rates greatly fluctuate. Jews have the next highest birth-rate, equal to 25 per 1,000. Then follow Lingayets, having a birth-rate of 24 per 1,000, and Parsees 22 per 1,000. I ascribe the low birth-rate among Parsees to two influences—firstly, plague, and secondly, to a large number of females having gone to live in the country outside Bombay.

the Number of Births in the City of Bombay from 1866 *to* 1898 *arranged by Sex accordi*

	1875		1876		1877		1878		1879		1880		1881		1882		1883		1884		1885		1886		1887		1888		1889		1890	
	13,391		13,625		13,886		14,038		14,559		17,247		16,638		15,366		15,182		14,637		14,964		14,909		15,429		16,760		15,493		15,568	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
206	4650	4468	4697	4440	4721	4320	4745	4458	5148	4571	6212	5212	5725	5212	5049	4678	5026	4652	4871	4461	4904	4557	4960	4569	5086	4767	5531	5116	5087	4689	5118	4800
163	1298	1187	1375	1250	1512	1368	1642	1392	1578	1382	1899	1569	1806	1605	1716	1543	1741	1539	1675	1502	1657	1531	1703	1553	1758	1596	1930	1755	1864	1709	1679	1705
549	599	553	618	580	630	635	601	528	636	540	768	643	654	671	745	720	701	672	647	650	699	688	706	617	670	645	733	768	675	604	729	679
278	322	280	302	295	298	335	314	289	331	304	460	390	422	416	402	428	380	369	380	341	409	367	231	344	403	362	390	384	352	353	359	337
..	2	1	4	7	1	3	5	6	2	4	5	2	6	7	3	3	1	1	5	2	8	9	7	9	3	5	9	5	8	11	5	8
29	25	28	23	32	32	29	31	24	40	20	42	42	58	50	30	48	51	47	55	44	83	51	64	44	73	59	75	61	74	61	74	72
2	..	1	1	1	..	1	..	2	..	..	1	..	1	1	..	1	1	..	..	1	1	3	..	..	1	3	1	2	2	2	1	2
..	..	1	..	..	1	..	1	..	1	2	1	1	3	1	..	..	1	..	1	1	1	1	1	1	1	..	..	..	2	..	..	..
927	6894	6497	7020	6606	7193	6691	7339	6699	7736	6823	9388	7859	8675	7963	7845	7421	7902	7280	7634	7003	7762	7203	7772	7137	7992	7437	8669	8091	8064	7429	7965	7603
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
35	13,391		13,626		13,886		14,038		14,559		17,247		16,638		15,366		15,182		14,637		14,964		14,909		15,429		16,760		15,493		15,568	
74	1875		1876		1877		1878		1879		1880		1881		1882		1883		1884		1885		1886		1887		1888		1889		1890	

TABLE SHOWING THE NUMBER OF BIRTHS AND THE BIRTH-RATE BY CLASSES IN 1898.

Classes.	Population by Census of 1891.	Number of Births.	Birth-rate per 1,000 of Population
Jains	25,225	216	8·56
Brahmins	37,982	200	5·26
Lingaets	734	12	24·23
Bhatias	7,891	68	8·61
Hindus of other castes	451,465	4,838	10·71
Do. low-caste	45,169	1,370	30·33
Mussalman	155,101	2,174	14·01
Parsees	47,458	1,086	22·88
Jews	5,021	128	25·49
Native Christians	29,712	432	14·53
Eurasians	4,330	85	19·63
Europeans	11,290	161	14·26
Negro-Africans	146	5	34·24
Buddhists	190	2	10·52
Other and unknown castes	.....	.....	.....
Total	821,764	10,784	13·12

Birth-rate by localities.

117. The birth-rate by localities fluctuates with the proportion of males to females in each section. The highest birth-rate is registered in the two suburbs of Mahim and Sewree.

TABLE SHOWING THE NUMBER OF BIRTHS AND THE BIRTH-RATE BY SECTIONS IN 1898.

Wards.	Sections.	Population by Census of 1891.	Number of Births.	Birth-rate per 1,000 of Population.
A	Colaba { Upper	4,335	74	17·07
	Colaba { Middle and Lower... ...	13,622	165	12·11
	Fort { Southern	3,951	10	2·53
	Fort { Northern	32,847	542	16·50
B	Esplanade	10,064	83	8·24
	Mandvi	37,295	286	7·66
	Chukla	32,197	357	11·08
	Umarkhari	52,466	691	13·17
	Dongri	30,317	274	9·03
C	Market	44,751	307	6·86
	Dhobi Talao	39,945	508	12·71
	Fanaswadi	24,069	287	11·92
	Bhuleshwar	38,363	238	6·20
	Khara Talao	27,035	426	15·75
	Kumbharwada	32,209	345	10·71
D	Khetwady	28,814	560	19·43
	Girgaum...	26,999	294	10·88
	Chaupati	11,512	124	10·77
	Walkeshwar	12,990	109	8·39
	Mahalakshmi	17,014	194	11·40
E	Mazagon...	33,640	539	16·02
	Tarwadi...	21,298	289	13·57
	2nd Nagpada	18,768	360	19·18
	Kamathipura	29,203	386	13·21
	Tardeo	18,980	356	18·75
	Byculla	47,403	988	20·84
	1st Nagpada	11,133	156	14·01
F	Parel	28,740	388	13·50
	Sewri	6,063	143	23·58
G	Sion	19,601	368	18·77
	Mahim	18,505	481	25·99
	Worli	25,493	362	14·20
	Water Division...	22,142	4	0·18
	Non-resident and unknown	.....	90	.....
	Total ...	821,764	10,734	13·12

Reorganization Scheme.

118. During the year the City was divided into 4 Administrative Divisions and four Divisional Health Officers appointed to Nos. 1, 2, 3 and 4 Divisions. Buildings for the offices of Nos. 2, 3 and 4 were obtained and office establishments employed. The office of No. 1 Division had to be placed in the Municipal Building, as a suitable building for an office could not be obtained in the Division. The appointment of Divisional Health Officers is the first of the measures sanctioned for providing a larger and re-organized Health Department.

Miscellaneous.

119. The total expenditure on the Health Department came to Rs. 15,40,720-9-2, and the income to Rs. 8,02,621-2-6 ; the actual cost of the department to the Municipality was, therefore, Rs. 7,38,099-6-8. In addition to this an extraordinary expenditure, which amounted to Rs. 3,04,706-6-8, was incurred on account of special sanitary measures necessary to deal with the Epidemic of plague.

Establishment.

120. On an average 4,003 men and women and 1,052·8 scavenging and drain carts, and 204·9 night-soil and cess-pool carts were at work in 1898.

Garbage.

121. 3,88,816·75 tons of garbage, equal to 1,065·25 tons a day, were collected and removed, and disposed of, against 404,284·88 tons of garbage in 1897.

Night-soil and cess pool matter.

122. 1,69,586·9 tons of night-soil and cess-pool matter. equal to 464·62 tons a day, were collected and removed as against 1,56,057·09 in 1897.

Drain-cleaning.

123. 172·1 miles of covered drains were opened and cleaned against 173·6 miles in 1897.

Notices, &c.

124. 4,229 notices and some 2,401 summonses were issued against 5,077 notices and 2,489 summonses in 1897.

Fines.

125. The amount of fines recovered amounted to Rs. 1,925-8-0 against Rs. 2,546 in 1897.

Building plans.

126. 1,009 building plans were received and disposed of against 637 in 1897.

Kutchra incineration.

127. From the table following, which shows the work of the Garlick incinerator, it will be seen that 35,433 cart loads of kutchra were burnt in 303 days in 1898.

TABLE SHOWING THE NUMBER OF CART-LOADS OF KUTCHRA BURNT AT THE GARLICK INCINERATOR IN 1898.

1898.	Number of Days at work.	Number of Cart-loads of Kutchra burnt.	REMARKS.
January	25	3,169	
February	25	3,079	
March	24	3,294	
April	26	3,594	
May	24	2,595	
June	23	1,798	
July	23	1,750	
August	24	2,595	
September...	26	3,600	
October	29	2,761	
November	28	2,943	
December	26	4,255	
Total ...	303	35,433	

1897.				Details.	1898.			
Rs.	8,29,721	0	1	Total Income of the Health Department	Rs.	8,03,621	2	6
,,	14,16,347	3	4	Total ordinary expenditure on different heads.	,,	15,40,720	9	2
,,	5,86,626	3	3	Cost of the Health Department to the Municipality.	,,	7,38,099	6	8
,,	5,97,002	2	8	Expenditure incurred by the Health Department on account of special sanitary measures in connection with the outbreak of Plague.	,,	3,04,706	6	8
No.	4,505·9			Average number of men and women daily at work.	No.	4,903		
,,	1,016·0			Average daily working strength, carts, scavengering and drain-cleaning.	,,	1,052·8		
,,	208·66			Average night-soil and cess-pool carts	,,	204·9		
,,	45,348			Letters registered, outwards	,,	36,795		
,,	18,911			Do. inward	,,	18,092		
,,	5,077			Notices issued	,,	4,229		
,,	2,489			Summonses issued	,,	2,401		
Rs.	2,546	0	0	Amount of fines inflicted by Magistrates	Rs.	1,925·8		
Tons	404,284·88			Total weight of garbage collected	Tons	388,816·75		
,,	1,107·63			Average tons per day	,,	1,065·26		
,,	156,057·09			Night-soil and cess-pool matter collected	,,	169,586·9		
,,	427·55			Average tons per day	,,	464·62		
Miles	178·6			Miles of covered drains opened and cleaned ...	Miles	172·1		
Rs.	5,542	4	0	Amount received for sending carcasses to Coorla.	Rs.	6,230·4		
No.	10,768			Total animals sent to Coorla	No.	11,297		
,,	12,056			Total number of graves	,,	11,664		
Rs	3,269	4	0	Amount received for digging graves	Rs.	2,305		
,,	16,672	0	0	Amount of Dhobiwada fees	,,	16,433		
No.	637			Building plans received and disposed of	No.	1,009		
,,	4,464			Number of cremations at the Haine's Road Cemetery.	,,	5,486		

T. S. WEIR,
Health Officer.

TABLE showing the Population and the Number of Births and the Birth-rate by Sex and by Sections in the year 1898.

Wards.	SECTIONS.	POPULATION. Persons.	Males.	Females.	Number of Persons under one year.	Number of Persons of one year and under 5 years.*	BIRTHS. Number of Births born alive during the year.	Males.	Females.	Birth-rate per 1,000 of population.	Number of Males to every 100 female Births.	Number of Still-born.	SECTIONS.	Wards.
A	Colaba.. Upper .. Middle .. Lower	13,622	8,759	4,863	385	....	165	85	80	12·11	106·25	10	Upper .. Middle .. Lower ...Colaba	A
	Fort, Southern ..	3,951	3,064	887	77	.....	10	4	6	2·63	66·66	.....	Fort, Southern ..	
	Fort, Northern ..	32,847	19,340	13,507	1,018	....	542	270	272	16·50	99·26	46	Fort, Northern ..	
	Esplanade ..	10,064	7,145	2,919	257	....	83	46	37	8·24	124·32	17	Esplanade ..	
	Mandvi	37,295	22,991	14,314	1,129	....	286	153	133	7·66	115·03	75	Mandvi	
B	Chukla	32,197	19,633	12,564	1,151	....	357	186	171	11·08	108·77	77	Chukla	B
	Umarkhadi	52,466	31,068	21,398	1,781	.....	691	381	310	13·17	122·90	119	Umarkhadi	
	Dongri	30,317	18,680	11,637	1,030	....	274	143	131	9·03	109·16	71	Dongri	
	Market	44,751	30,126	14,625	1,231	.....	307	166	141	6·86	117·73	40	Market	
	Dhobi Talao.. ..	39,945	24,508	15,437	1,258	....	508	244	264	12·71	92·42	46	Dhobi Talao.. ..	
	Fanuswadi ..	24,069	15,420	8,649	719	....	287	139	148	11·92	93·91	19	Fanuswadi	
C	Bhuleshwar ..	38,363	25,101	13,262	1,059	....	238	123	115	6·20	106·95	57	Bhuleshwar	C
	Khara Talao ..	27,035	16,660	10,375	899	....	426	221	205	15·75	107·80	62	Khara Talao.. ..	
	Kumbharwada ..	32,209	20,142	12,067	978	....	345	179	166	10·71	107·83	44	Kumbharwada ..	
	Khetwadi	26,814	18,069	10,745	956	....	569	314	248	19·43	127·64	31	Khetwadi	
	Girgaum	26,999	16,806	10,193	865	....	294	151	143	10·88	105·59	54	Girgaum	
D	Chaupati	11,012	7,011	4,501	369	....	124	61	63	10·77	96·82	11	Chaupati	D
	Walkeshwar.. ..	12,990	8,203	4,787	453	....	109	53	56	8·39	94·64	10	Walkeshwar.. ..	
	Mahalakshmi ..	17,014	10,734	6,280	467	.....	194	106	88	11·40	123·68	14	Mahalakshmi ..	
	Mazagon	35,940	20,413	13,227	1,062	.....	539	269	270	14·99	99·62	93	Mazagon	
	Tarwadi	21,298	13,587	7,711	697	....	289	133	156	13·57	85·25	30	Tarwadi	
	2nd Nagpada ..	18,788	10,982	7,806	604	....	360	198	162	19·16	122·22	60	2nd Nagpada ..	
E	Kamathipura ..	29,203	16,742	12,461	918	....	386	193	193	13·21	100·00	79	Kamathipura ..	E
	Tardeo	19,980	11,403	7,577	639	....	356	192	164	18·75	117·07	48	Tardeo	
	Byculla	47,403	29,557	17,846	1,457	....	988	511	477	20·84	107·12	117	Byculla	
	1st Nagpada ..	11,133	6,674	4,459	382	....	156	89	67	14·01	132·83	12	1st Nagpada	
	Parel	28,740	18,008	10,732	855	....	388	195	193	13·50	101·03	78	Parel	
F	Sewri	6,063	3,767	2,296	162	....	143	82	61	23·58	134·42	14	Sewri	F
	Sion	19,691	11,983	7,618	767	....	388	211	157	18·77	134·39	31	Sion	
	Mahim	18,505	10,838	7,667	625	....	481	260	221	25·99	117·64	64	Mahim	
G	Worli	25,493	15,755	9,738	845	....	362	190	172	14·20	110·46	54	Worli	G
	Water Division ..	22,142	21,799	343	54	....	4	2	2	·18	100·00	....	Water Division ..	
	Non-Resident and Unknown ..	....	....	....	....	....	90	46	44	....	104·54	111	Non-Resident and Unknown	
	Total ..	821,764	518,028	303,671	25,291	.....	10,784	5,640	5,144	13·12	109·64	1,569	Total ..	
		Persons.	Males.	Females.	Number of Persons under one year.	Number of Persons of one year and under 5 years.*	Number of Births born alive during the year.	Males.	Females.	Birth-rate per 1,000 of population.	Number of Males to every 100 female Births.	Number of Still-born.		
		POPULATION.					BIRTHS.							

* Population according to 1891 is not available.

No. 2.

TABLE showing the Number of Deaths and the Death-rate per 1,000 of Population by Sections in 1898.

Wards.	SECTIONS.	Persons. Number of Deaths.	Persons. Per 1,000 of Population.	Males. Number of Deaths.	Males. Per 1,000 of Population.	Females. Number of Deaths.	Females. Per 1,000 of Population.	Number of Persons under one year. Number of Deaths.	Number of Persons under one year. Per 1,000 of Population.	Number of Persons of one year and under five years. Number of Deaths.	Number of Persons of one year and under five years. Per 1,000 of Population.	SECTIONS.	Wards.
A	Upper Colaba...	110	25·37	78	24·72	32	27·11	17	116·43	20	...	Upper Colaba	A
	Mid. & Lower Colaba ...	681	49·99	439	50·10	242	49·76	93	241·55	139	...	Mid. & Lower Colaba ...	
	Fort, Southern.	17	4·30	13	4·24	4	4·50	2	25·97	3	...	Fort, Southern.	
	Fort, Northern.	1,924	58·57	1,175	60·75	749	55·45	191	187·63	319	...	Fort, Northern	
	Esplanade ...	260	24·84	161	22·53	89	30·48	49	190·66	59	...	Esplanade ...	
B	Mandvi ...	2,501	67·05	1,522	66·22	979	68·39	318	281·66	474	...	Mandvi ...	B
	Chukla ...	2,059	63·95	1,140	68·06	919	73·14	288	250·21	423	...	Chukla ...	
	Umarkhadi ...	3,472	66·17	1,893	61·09	1,574	73·56	478	268·38	740	...	Umarkhadi ...	
	Dongri ...	1,953	64·41	1,133	60·65	820	70·46	277	268·93	426	...	Dongri ...	
C	Market ...	2,233	49·67	1,423	47·23	800	54·70	190	154·34	316	...	Market ...	C
	Dhobi Talao ...	2,368	59·28	1,454	59·32	914	59·20	247	196·34	403	...	Dhobi Talao ...	
	Fanaswadi ...	1,144	47·53	668	43·32	476	55·05	110	152·99	185	...	Fanaswadi ...	
	Bhuleshwar ...	2,164	56·40	1,299	51·75	865	65·22	201	189·80	304	...	Bhuleshwar ...	
	Khara Talao ...	1,890	69·91	1,058	63·56	832	80·19	265	294·77	426	...	Khara Talao ...	
	Kumbharwada.	2,562	79·54	1,544	76·65	1,018	84·36	269	276·46	441	...	Kumbharwada	
D	Khetwadi ...	1,783	61·94	1,064	58·88	721	67·10	224	234·30	358	...	Khetwadi ...	D
	Girgaum ...	1,863	68·63	1,088	64·73	765	75·05	156	180·34	267	...	Girgaum ...	
	Chaupati ...	405	35·18	249	35·51	156	34·65	48	130·08	76	...	Chaupati ...	
	Walkeshwar ...	260	20·01	168	20·48	92	19·21	36	79·47	58	...	Walkeshwar ...	
	Mahalakshmi...	484	28·44	310	28·88	174	27·70	56	119·21	80	...	Mahalakshmi...	
E	Mazagon ...	2,072	61·59	1,186	58·10	886	66·98	269	253·05	436	...	Mazagon ...	E
	Tarwadi ...	1,025	48·12	580	42·68	445	57·70	188	269·72	271	...	Tarwadi ...	
	2nd Nagpada...	1,792	95·48	972	88·66	820	105·04	219	362·88	345	...	2nd Nagpada...	
	Kamathipura.	2,801	95·61	1,595	95·26	1,206	96·78	304	331·15	506	...	Kamathipura...	
	Tardeo ...	1,463	77·08	873	76·55	590	77·86	223	348·98	354	...	Tardeo...	
	Byculla ...	4,204	88·68	2,396	81·06	1,808	101·31	531	364·45	856	...	Byculla ...	
	1st Nagpada ...	685	61·52	391	58·58	294	65·93	94	246·07	157	...	1st Nagpada ...	
F	Parel	2,342	81·48	1,361	75·57	981	91·40	311	363·74	492	...	Parel	F
	Sewri	261	43·04	166	44·06	95	41·37	35	216·04	53	...	Sewri	
	Sion	722	36·83	424	35·38	298	39·11	127	165·58	197	...	Sion	
G	Mahim ...	1,402	75·76	800	73·81	602	78·64	206	320·00	328	...	Mahim ...	G
	Worli	1,261	49·46	686	48·54	575	59·04	174	205·91	254	...	Worli	
	Water Division	50	2·25	46	2·11	4	11·66	2	37·03	2	...	Water Division	
	Non-resident and unknown	1,776	...	1,358	...	418	...	87	...	135		Non-Resident & unknown ...	
	Total ...	51,961	63·23	30,718	59·48	21,243	69·95	6,279	248·27	9,897	...	Total ...	

	Persons. Number of Deaths.	Persons. Per 1,000 of Population.	Males. Number of Deaths.	Males. Per 1,000 of Population.	Females. Number of Deaths.	Females. Per 1,000 of Population.	Number of Persons under one year. Number of Deaths.	Number of Persons under one year. Per 1,000 of Population.	Number of Persons of one year and under 5 years. Number of Deaths.	Number of Persons of one year and under 5 years. Per 1,000 of Population.
	Persons.		Males.		Females.		Number of Persons under one year.		Number of Persons of one year and under 5 years.	

* Calculations not worked out as the population is not available.

No. 3.

TABLE showing the Number of Deaths and the Death-rate from some of the Principal Diseases by Sections in 1898.

Wards.	Sections.	Deaths. Number of deaths.	Deaths. Per 1,000 of population.	Cholera. Number of deaths.	Cholera. Per 1,000 of population.	Small-pox. Number of deaths.	Small-pox. Per 1,000 of population.	Measles. Number of deaths.	Measles. Per 1,000 of population.	Fevers. Number of deaths.	Fevers. Per 1,000 of population.	Respiratory System. Number of deaths.	Respiratory System. Per 1,000 of population.	Diarrhœa and Dysentery. Number of deaths.	Diarrhœa and Dysentery. Per 1,000 of population.	Injuries. Number of deaths.	Injuries. Per 1,000 of population.	Plague. Number of deaths.	Plague. Per 1,000 of population.	All other causes except still-born. Number of deaths.	All other causes except still-born. Per 1,000 of population.	Sections.	Wards.
A	Upper Colaba ..	110	25·37	..	..	..	..	..	..	4	·92	13	2·99	11	2·53	4	·92	31	7·15	47	10·84	Upper Colaba ..	A
	Middle and Lower Colaba ..	681	49·99	2	·14	..	..	3	·22	48	3·52	91	6·68	39	2·86	9	·66	311	22·83	177	12·99	Middle and Lower Colaba ..	
	Fort, Southern ..	17	4·30	..	..	..	..	..	..	..	..	2	·50	22	5·57	..	..	6	1·518	7	1·77	Fort, Southern ..	
	,, Northern ..	1,924	58·87	2	·06	1	·03	7	·21	112	3·40	213	6·48	103	3·13	27	·82	923	28·09	535	16·28	,, Northern ..	
	Esplanade ..	250	24·64	1	·09	..	..	..	..	20	2·49	35	3·47	10	·99	3	·29	91	8·94	81	8·04	Esplanade ..	
B	Mandvi ..	2,501	67·05	8	·21	3	·08	12	·32	214	5·73	428	11·47	158	4·23	17	·45	911	24·42	746	20·00	Mandvi ..	B
	Chukla ..	2,059	63·95	1	·03	1	·03	10	·31	131	4·06	541	16·80	79	2·45	10	·31	464	14·41	521	25·49	Chukla ..	
	Umarkhadi ..	3,472	66·17	3	·05	1	·01	21	·40	242	4·61	762	14·52	183	3·48	22	·41	745	14·19	1,491	28·41	Umarkhadi ..	
	Dongri ..	1,953	64·91	8	·26	3	·09	18	·59	206	6·78	303	10·06	141	4·65	20	·65	716	23·61	735	17·44	Dongri ..	
	Market ..	2,223	49·87	3	·06	..	..	4	·09	147	3·29	300	6·73	114	2·54	10	·45	1,044	23·33	592	13·23	Market ..	
C	Dhobi Talao ..	2,368	69·18	6	·15	5	·12	11	·27	172	4·30	299	7·48	134	3·35	16	·40	1,044	25·88	691	17·27	Dhobi Talao ..	C
	Funaswadi ..	1,144	47·53	1	·04	1	·04	6	·25	95	3·94	124	5·15	63	2·61	9	·37	547	22·72	298	12·38	Funaswadi ..	
	Bhuleshwar ..	2,164	56·40	8	·20	..	..	6	·15	115	2·99	417	10·86	125	3·25	25	·65	725	18·89	742	19·34	Bhuleshwar ..	
	Khara Talao ..	1,380	69·21	1	·05	1	·05	18	·86	139	6·73	195	18·31	106	3·92	16	·59	548	19·87	732	26·79	Khara Talao ..	
	Kumbharwada ..	2,592	79·54	5	·15	2	·06	11	·34	253	7·91	398	12·35	123	4·12	31	·96	574	20·24	752	23·34	Kumbharwada ..	
D	Khetwadi ..	1,785	61·94	3	·10	..	..	12	·41	179	6·21	281	9·75	109	3·78	14	·48	655	22·73	532	18·46	Khetwadi ..	D
	Girgaum ..	1,855	68·68	2	·07	1	·03	1	·03	135	5·00	194	7·18	104	3·85	18	·66	850	31·48	543	20·11	Girgaum ..	
	Chaupati ..	405	35·18	..	..	..	..	2	·17	21	1·82	42	3·64	26	2·25	..	..	174	15·11	140	12·16	Chaupati ..	
	Walkeswar ..	260	20·01	..	..	1	·07	1	·07	19	1·45	28	2·15	18	1·38	3	·23	101	7·77	89	6·85	Walkeswar ..	
	Mahalakshmi ..	484	38·44	4	·23	..	..	1	·05	33	1·76	47	2·50	31	1·32	8	·42	242	11·23	159	8·17	Mahalakshmi ..	
E	Mazagon ..	2,072	61·59	4	·11	5	·14	5	·14	169	5·02	237	7·04	172	5·11	25	·74	732	21·76	722	21·46	Mazagon ..	E
	Tarwadi ..	1,025	48·12	1	·04	..	..	2	·09	114	5·35	135	6·33	79	3·71	14	·65	343	16·10	329	15·44	Tarwadi ..	
	2nd Nagpada ..	1,799	93·88	1	·05	..	..	10	·53	100	5·21	412	21·50	143	7·62	19	1·01	303	16·14	804	42·82	2nd Nagpada ..	
	Kamathipura ..	2,801	76·91	3	·08	4	·11	15	·41	183	5·02	461	12·78	189	6·47	15	·51	1,015	34·41	928	31·77	Kamathipura ..	
	Tardeo ..	1,463	77·08	2	·15	2	·10	8	·42	88	4·63	236	12·43	120	6·32	9	·47	524	27·60	472	24·86	Tardeo ..	
	Byculla ..	4,204	88·68	11	·23	1	·02	24	·50	339	7·15	668	14·09	293	6·18	26	·54	1,432	30·20	1,407	29·68	Byculla ..	
F	1st Nagpada ..	685	61·52	1	·09	3	·27	9	·80	46	4·13	120	10·78	41	3·68	4	·36	244	21·91	217	19·49	1st Nagpada ..	F
	Parel ..	2,342	31·48	4	·14	3	·10	12	·41	277	9·63	380	13·22	183	6·36	23	·80	759	26·40	701	24·39	Parel ..	
	Sewri ..	261	4·94	..	..	1	·16	..	..	37	6·10	47	7·75	25	4·77	1	·16	59	9·73	80	13·19	Sewri ..	
	Sion ..	722	26·83	7	·25	1	·05	9	·46	63	3·21	135	6·88	75	3·82	9	·46	187	9·54	232	11·83	Sion ..	
G	Mahim ..	1,402	75·76	5	·27	4	·21	1	·05	146	7·89	249	13·96	177	9·57	21	1·13	383	20·69	421	22·96	Mahim ..	G
	Worli ..	1,261	49·46	1	·04	5	·19	5	·19	158	6·19	225	8·82	97	3·83	16	·62	382	14·98	388	14·44	Worli ..	
	Water Division ..	60	2·25	5	·22	6	·27	..	..	3	·13	4	·18	1	·04	7	·31	10	·45	11	·49	Water Division ..	
	Non-resident and unknown ..	1,776	..	2	..	..	..	3	..	53	..	78	..	91	..	99	..	980	..	445	..	Non-resident and unknown ..	
	Total ..	51,981	65·23	104	·12	55	·06	264	·30	4,114	5·00	8,423	10·24	3,385	4·11	580	·68	18,185	22·12	16,820	20·46	Total.	

Sections.	Deaths. Number of deaths.	Deaths. Per 1,000 of population.	Cholera. Number of deaths.	Cholera. Per 1,000 of population.	Small-pox. Number of deaths.	Small-pox. Per 1,000 of population.	Measles. Number of deaths.	Measles. Per 1,000 of population.	Fevers. Number of deaths.	Fevers. Per 1,000 of population.	Respiratory System. Number of deaths.	Respiratory System. Per 1,000 of population.	Diarrhœa and Dysentery. Number of deaths.	Diarrhœa and Dysentery. Per 1,000 of population.	Injuries. Number of deaths.	Injuries. Per 1,000 of population.	Plague. Number of deaths.	Plague. Per 1,000 of population.	All other causes except still-born. Number of deaths.	All other causes except still-born. Per 1,000 of population.
	Deaths.		Cholera.		Small-pox.		Measles.		Fevers.		Respiratory System.		Diarrhœa and Dysentery.		Injuries.		Plague.		All other causes except still-born.	

Statement No. I.

TABLE showing Works performed by the Health Department during the Year 1898.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Carts emptied at Tardeo Flats and other places	33,906	31,875	33,630	34,199	36,463½	34,438	33,833½	36,458½	32,639½	30,528½	34,014	24,579½	396,565 Dept. / 16,442 Private. } 413,007
Night-soil and cess-pool carts emptied	14,011	12,682	13,972	13,580	13,452	13,161	13,561	13,983	13,107	14,150	12,992	12,625	161,276 Dept. / 8,130 Private. } 169,406
Do. baskets emptied	166,921	145,641	158,664	153,809	168,924	161,621	165,541	158,561	160,216	161,521	161,658½	177,849	1,940,926½
Covered drains opened and cleaned	89,032	67,808	71,258	70,284	70,567	71,999	80,795	71,259	71,832	80,914	77,260	86,653	909,111

Statement No. II.

STATEMENT of SUMMONSES issued under Bombay Municipal Act, III of 1888 during 1898.

——	Section of Act.	Conviction	Dismissed.	Withdrawn, Offences having ceased.	Total Summonses.	Amount of Fines.
						Rs. a. p.
To make or provide drainage arrangements to the buildings which have insufficient means of effectual drainage	232	2	...	...	2	.....
For not providing water-closet, privy or urinals	248	31	...	5	36	70 0 0
Do. constructing do. do. for the use of work-people	249	9	...	...	9	.....
Do. providing air space between privy and building or place used for human habitation, &c.	250	7	...	...	7	.....
Do. re-covering, trapping, ventilating, paving, &c., drain, &c.	257	466	...	36	502	317 0 0
For altering, fixing, renew, rebuild, change, stop up, or destroy any drain, ventilating shaft or pipe, &c., &c., without permission	258	8	...	4	12	6 0 0
For depositing dust, ashes, refuse and rubbish to a depôt or place provided or appointed for such a purpose	368	...	1	...	1	.....
For accumulating or allowing to accumulate dust, ashes, refuse, and rubbish or excrementitious or polluted matters on premises, &c.	372	29	...	9	38	36 8 0
For requiring buildings to be limewashed or otherwise cleansed	375	1,088	...	86	1,174	674 0 0
For not cleansing, clearing or enclosing house or land	377	275	27	13	315	344 0 0
Do. do. pool, ditch, tank, pond, well, quarry-hole, low ground or stagnant water	381	30	1	4	35	123 0 0
For Quarrying or removal of stone, earth or other materials	382	1	...	...	1	.....
For keeping animals or feeding animals with filth, &c., so as to be a nuisance	384	121	...	6	127	339 0 0
For not removing or reporting death of animals within the time allowed	385	2	...	...	2	6 0 0
For carrying certain trades without permission	394 & 479	2	...	...	2	10 0 0
For washing cloths at the place not appointed for the purpose by the Municipal Commissioner	397	...	8	...	8	.....
For not registering burial places	435	...	...	1	1	.....
For opening a place for the disposal of dead without written permission	437	4	...	...	4	.....
		2,075	37	164	2,376	1,925 8 0

There were 2,401 summonses issued, including repetitions, witnesses, &c.

Statement No. III.

STATEMENT showing the Number of NOTICES served under various Sections of Act III of 1888 and Epidemic Diseases Act of 1897 during 1898.

Requirement of Section.	No. of Section.	Complied with.	Not complied with.	Pending.	Cancelled.	Total.
Under Act III of 1888.						
Provide privy and urinal accommodation for the use of tenants ...	248	3	27	28	2	60
Construct privy for the use of the work-people	249	4	8	7	0	19
Shut out privy from public view	250	5	3	2	1	11
Cleanse, repair, &c., drains, privies, &c.	257	600	495	12	16	1,123
Enclose tank or well so as to prevent danger	329	0	0	1	0	1
Cleanse all dust, refuse &c., to be collected daily from the premises.	368	0	1	0	0	1
Lime-wash buildings	375	1,252	1,220	78	31	2,581
Close entirely abandoned premises, and put in charge of watchman.	376	3	0	0	0	3
Cleanse and clear the premises, or enclose the same.	377	145	173	20	7	345
Clean, fill up wells, tanks, &c.	381	9	15	19	3	46
Discontinue removal of sand stones...	382	0	1	0	0	1
Under Epidemic Diseases Act of 1897						
Vacation of buildings for cleansing and disinfection	3 & 7	27	0	7	4	38
Total ...	.....	2,048	1,943	174	64	4,229

29 permissions granted to re-occupy buildings vacated for cleansing and disinfection.

Statement No. IV.

Number of bullocks of the Health Department during 1898...		... 2,415
Died, &c.	245	245
Cast and sent to the Pinjrapole	*Nil*	
Percentage of loss among bullocks	10·1	
Number of animals on the 1st January 1899 ...		2,170

Number of horses of the Health Department during 1898	13
Died, &c.	1
Number of animals on the 1st January 1899	12

STATEMENT showing the causes of Deaths amongst the Bullocks of the Health Department during 1898.

No.	Disease.	Number of Deaths.
1	Old age and debility	97
2	Rinderpest	66
3	Foot-and-mouth disease	5
4	Fever	2
5	Diseases of heart	15
6	Do. of lungs	38
7	Do. of spleen and liver	10
8	Do. of stomach	3
9	Do. of horn	4
10	Do. of bone	5
	Total ...	245
	Cast and sent to the Pinjrapole ... ... Bullocks ...	*Nil*
	GRAND TOTAL ...	245

I.

CAUSES OF DEATHS arranged according to the Nomenclature of Diseases drawn up by the COMMITTEE OF ROYAL COLLEGE OF PHYSICIANS OF LONDON for 1898.

		No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
General Diseases.		1	Small-pox	2	4	16	8	7	3	1	4	3	2	1	4	55
		3	Chicken-pox	...	1	3	1	...	...	...	...	...	...	...	...	5
		4	Measles	33	35	50	40	16	17	3	6	5	7	12	16	240
			„ with Bronchitis	1	...	2	...	...	1	...	...	...	1	...	2	7
			„ and Diarrhœa	...	1	...	...	...	1	...	...	...	...	1	...	3
			„ „ Dysentery	...	...	...	1	...	...	...	...	1	...	1	...	3
			„ „ Pneumonia	...	...	1	...	...	...	...	...	...	...	...	...	1
		9	Enteric Fever	2	4	5	3	3	...	2	3	5	5	4	1	37
		10	Relapsing Fever	37	63	71	16	22	28	23	43	57	99	45	42	546
		11	Simple Continued Fever	25	22	25	28	32	14	9	27	23	20	19	15	259
		14	Plague	2931	4493	4969	2172	523	150	258	548	731	728	217	470	18,185
		15	Ague	14	14	10	13	5	7	2	3	6	11	1	7	102
		16	Remittent Fever	149	239	352	250	216	127	199	183	301	273	272	318	2,861
	A.		„ „ with Asthma	4	...	2	...	1	...	...	3	1	...	...	2	13
			„ „ „ Bronchitis	81	76	87	38	65	108	35	53	43	17	19	39	666
			„ „ „ Convulsions	6	2	5	2	8	7	2	9	3	9	2	2	57
			„ „ „ Diarrhœa	9	11	12	6	8	10	6	11	7	5	1	3	89
			„ „ „ Dysentery	4	2	1	...	2	2	1	2	...	1	...	...	15
			„ „ „ Pneumonia	1	2	2	...	3	2	1	3	...	1	...	...	15
		18	Malignant Cholera	21	17	12	8	8	3	12	3	8	5	3	4	104
		19	Diphtheria	1	...	...	...	...	...	...	...	...	...	...	...	1
		20	Hooping Cough	22	24	22	16	12	17	12	14	9	14	12	8	182
		21	Mumps	1	...	...	...	...	...	...	...	...	1	1	...	3
		22	Influenza	...	...	1	...	...	...	...	...	...	...	...	...	1
		30	Erysipelas	1	2	5	1	2	...	...	2	1	1	...	2	17
		31	Pyæmia	2	1	2	...	2	...	2	3	1	4	2	5	24
			Blood Poisoning	...	...	...	...	...	...	1	1	1	...	...	...	3
		32	Puerperal Fever	21	26	34	21	21	9	18	12	15	30	14	10	228
		34	Acute Rheumatism	12	6	28	19	5	7	11	3	7	2	...	5	105
	B.	38	Chronic „	19	17	13	10	3	...	5	3	1	...	1	2	74
		40	„ Gout	1	...	...	2	...	...	...	1	...	...	...	...	4
		43	Syphilis	2	...	4	4	8	2	9	5	6	1	6	7	54

No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	General Diseases.													
	Syphilis Secondary	...	...	...	...	2	...	4	1	...	...	8	2	29
	Marasmus	4	2	5	6	...	...	...	...	...	...	...	...	8
	Hereditary	2	1	...	...	2	...	4	...	...	...	...	...	15
	Cancer	...	...	3	...	...	...	...	...	...	...	4	4	17
	" of Intestines	...	...	1	3	6	1	2	2	1	1	1	2	11
	" of Neck	...	...	...	8	2	3	1	1	2	1	3	1	22
	" of Throat	...	...	...	...	1	...	...	...	...	...	...	...	3
	" of Liver	...	...	...	1	...	...	...	...	1	...	...	...	3
	" and of Syncope	...	...	...	...	...	1	...	...	...	1	1	...	8
	" of Uterus	...	...	...	...	1	...	...	2	...	...	...	...	1
	" of Thigh	...	...	...	1	...	...	...	...	2	...	...	1	4
48	True Leprosy	6	10	2	...	...	...	...	...	...	5	6	...	-2
49	Scrofula	2	5	8	2	6	2	8	2	3	...	5	4	51
	Tubercular Meningitis ...	...	...	2	1	2	7	9	1	2	...	2	4	50
	Phthisis Pulmonalis ...	669	637	639	498	377	316	340	433	416	469	390	450	11
	Tuberculosis	68	61	65	50	42	32	32	13	59	63	45	43	5,624
	" of Intestines	...	...	1	...	...	...	...	...	...	...	...	...	582
	Tabes Mesenterica	4	5	2	...	...	...	...	...	...	1	...	...	3
	Rickets	...	1	16	1	1	...	4	7	...	...	5	...	8
50	Diabetes	...	...	2	2	1	4	1	...	...	1	...	4	12
52	" and Rheumatism	...	...	...	...	1	...	...	1	...	...	...	...	37
	" and Carbuncle	...	...	...	2	...	...	...	...	1	...	...	...	2
54	Scurvy	...	1	...	...	3	1	...	...	...	...	...	2	6
55	Anæmia	89	...	62	43	17	26	30	20	18	51	22	...	8
56	Chlorosis	...	72	...	...	...	...	...	...	...	...	...	21	471
57	General Dropsy	22	20	24	23	10	7	7	6	17	13	...	9	5
58	Beri Beri	...	1	...	...	...	...	...	...	...	...	8	...	166
	Local Diseases.													1
	Diseases of the Nervous System.													
	Diseases of the Brain and its Membranes.													
60	Meningitis	2	4	1	3	1	4	...	5	2	...	...	...	22
61	" Cerebral Effusion ...	...	1	...	...	...	...	...	...	...	2	1	1	4
62	Inflammation of the Brain ...	3	2	...	1	1	1	...	3	...	...	2	...	14
63	Softening of the Brain, Hemiplegia	...	...	...	...	...	...	...	...	...	1	...	...	1
64	Apoplexy of the Brain	8	4	7	6	1	...	5	9	10	3	2	2	12
65	Sunstroke	...	1	...	...	...	...	...	...	...	...	...	...	61
66	Tumour	...	1	...	...	...	...	1	...	1	...	...	...	5
71														3
	Diseases of the Spinal Cord and its Membranes.													
75	Inflammation of Spinal Meningitis... ...	...	...	1	...	...	1	...	...	...	...	2	...	4

Local Diseases.

Diseases of the Nervous System.

	Diseases of the Nerves.																					
84	Paralysis	...	...	...	...	...	...	...	...	25	29	30	15	14	19	9	11	18	16	8	11	205
85	Hemiplegia	...	...	...	...	...	...	...	...	33	32	25	29	19	22	33	27	11	20	37	13	303
86	Paraplegia	...	...	...	...	...	...	...	...	5	5	2	3	...	...	1	2	3	4	4	2	31
	Functional Diseases of the Nervous System.																					
90	Tetanus									5	11	15	4	4	2	9	8	8	7	6	8	87
	" Traumatic from ulcer									...	1	...	1	...	2	...	...	...	1	1	...	6
	" " " compound									...	...	1	...	...	...	...	...	...	...	...	...	1
	" " " fracture of elbow									...	1	...	...	...	...	...	1	...	...	...	...	2
	" " " " the foot									...	1	...	...	...	1	...	...	...	1	...	...	3
	" " " " the knee									...	...	...	...	...	...	1	...	...	...	...	1	2
	" " " " the leg									1	...	1	...	...	...	...	...	...	...	...	...	2
	" " " wound of forehead									1	2	...	...	...	...	...	...	...	...	...	...	3
	" " " " of heel									...	...	...	1	...	...	...	...	...	...	...	...	1
	" " " " of head									1	...	1	...	...	...	...	...	...	...	...	...	2
	" " " " of brains									...	...	...	...	...	...	1	...	...	...	...	1	2
	" " " " of finger									...	1	...	...	...	...	...	...	1	...	...	...	2
	" " " " of leg									...	...	1	...	...	...	1	...	...	...	...	...	2
	" " " " of ankle									...	...	...	1	...	...	...	...	...	...	...	...	1
	" " " " of toe									...	...	...	...	...	...	1	...	...	...	...	...	2
	" " " " of back									...	...	...	...	...	...	...	...	...	...	1	...	1
	" " " " of hand									1	...	...	...	...	...	...	...	...	...	...	...	1
	" " " " cause unknown									...	1	...	...	...	2	...	1	...	...	...	...	4
91	Hydrophobia...									1	...	...	...	...	...	...	...	1	3	...	2	7
92	Infantile Convulsions									170	160	177	130	122	97	81	95	153	168	92	159	1,604
93	Epilepsy									13	8	7	11	5	6	13	8	6	3	5	16	101
96	Cramps									1	...	...	...	...	...	...	1	1	...	...	1	4
99	Hysteria									2	6	5	6	3	2	4	...	...	6	5	...	39
	Delirium									1	3	...	1	1	...	...	1	...	...	...	2	9
	Hic-up									1	1	...	...	...	...	...	...	...	...	...	...	2
	Brain Fever									...	5	...	...	...	...	...	...	...	...	...	...	5
	Diseases of the Intellect.																					
105	Mania									...	...	...	...	1	...	...	2	...	1	...	...	4
	" and Dysentery									...	...	1	...	...	...	...	1	...	...	...	1	3
107	Dementia									...	...	...	...	...	...	...	1	...	...	...	...	1
	Insanity									...	2	...	1	...	2	1	...	1	...	...	2	9

Local Diseases.		No. in Nomenclature of Diseases.	CAUSES OF DEATH	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
			Diseases of the External Meatus.													
Diseases of the Eye, Ear and Nose.			Diseases of Ear	...	1	...	...	1	1	1	...	1	...	2	...	9
			Diseases of the Nose.													
		210	Ulceration	...	...	...	1	...	...	1	...	...	...	...	...	2
Diseases of the Circulatory System.			*Diseases of the Heart and its Membranes.*													
		219	Pericarditis	...	2	1	1	...	...	1	...	2	...	1	...	8
			Diseases of the Endocardium.													
		224	Endocarditis	...	5	...	...	...	...	...	...	...	1	...	...	1
		225	Valve Disease	...	6	4	4	5	8	4	2	6	1	4	4	48
			,, Mitral Regurgitation	...	1	...	...	...	1	...	...	...	1	...	...	4
			Diseases of the Muscular Structure of the Heart.													
		233	Fatty Degeneration	...	...	...	...	1	...	...	...	...	...	...	...	2
			,, Heart and Angina Pectoris	...	...	...	...	...	...	...	...	1	...	...	...	1
		235	Aneurism	...	1	...	...	...	...	...	1	...	...	...	1	2
		242	Angina Pectoris	...	...	1	...	...	...	1	...	...	...	...	...	3
		243	Syncope	4	...	...	1	...	2	...	...	...	2	...	1	11
		244	Palpitation and irregularity of the action of the heart	38	48	25	22	19	14	19	18	18	16	12	84	278
	Diseases of the Absorbent System.		*Diseases of the Absorbent System.*													
		269	Inflammation of Lymphatics	1	...	1	...	...	...	...	...	...	...	...	...	2
Diseases of the Respiratory System.			*Diseases of the Respiratory System not strictly Local.*													
		288	Group	...	2	...	...	...	...	...	...	...	1	...	...	4
			,, Asphyxia	...	...	...	...	1	...	...	1	...	...	...	2	4
			Diseases of the Larynx.													
		293	Laryngitis	...	...	...	...	...	...	...	1	...	...	...	...	2

Local Diseases.	Diseases of the Respiratory System.		*Diseases of the Trachea and Bronchi.*																						
		305	Bronchial Catarrh	...	...		1	1	2	1	1	2	1	3	1	2	15
		306	Bronchitis, Acute	304	339	399	280	179	117	131	166	175	185	162	202	2,589
			,, Chronic	215	205	242	174	119	80	92	124	100	91	94	109	1,645
			,, Capillary	23	18	22	9	12	24	17	21	24	28	21	8	222
			Broncho-Pneumonia	8	9	9	4	6	2	...	4	5	...	2	2	46
		311	Contraction	...	1	...	...	...	...	...	...	...	...	1	...	2
		314	Asthma	327	286	304	205	144	103	119	164	204	178	149	190	2,371
			Diseases of the Lung.																						
		315	Pneumonia	166	131	177	142	100	74	79	90	84	116	88	123	1,370
			,, Ulcers	...	...	...	1	...	...	...	...	...	...	...	...	1
			,, and Meningitis	...	...	...	1	...	...	2	...	...	...	...	...	3
		317	Gangrene	3	1	...	...	2	...	...	...	...	...	...	...	6
		318	Passive Congestion	...	1	5	...	1	2	1	...	1	...	1	...	12
			Haemoptysis	...	...	1	...	1	...	1	...	...	1	...	...	4
		320	Oedema	1	...	...	...	...	...	...	...	...	...	...	...	1
		322	Emphysema	1	1	...	4	1	1	...	...	1	2	1	2	14
		326	Atelectosis	1	...	2	3	4	2	4	10	11	6	6	14	63
			Diseases of the Pleura.																						
		331	Pleurisy	1	...	4	2	...	2	1	2	1	2	1	...	16
			Pleuro-Pneumonia	2	8	1	1	1	...	...	...	...	...	3	1	12
		336	Pneumothorax	1	1	1	...	1	...	...	...	...	1	...	...	5
			Co'd in the Chest	8	1	2	1	...	...	...	...	...	...	...	2	14
			Dysphonia	...	...	1	...	...	...	...	...	...	1	...	...	2
			Diseases of the Mouth.																						
		348	Stomatitis	2	3	...	2	1	2	1	...	4	2	...	1	18
		353	Cancrum oris	...	1	...	...	1	...	1	...	...	1	...	1	5
	Diseases of the Digestive System.		*Diseases, Malformations and Injuries of the Teeth, Gums and Alveoli.*																						
		365	Teething	3	3	1	...	1	...	...	...	2	1	1	...	12
			,, with Bronchitis	...	1	...	...	...	...	...	1	...	...	1	...	3
			,, ,, Convulsions	1	5	1	1	...	...	1	...	...	1	1	...	11
			,, ,, Diarrhœa	4	9	5	3	3	1	2	1	4	3	...	2	37
			,, ,, Fever	1	...	1	...	2	...	...	1	...	2	2	1	10
			,, ,, Meningitis	...	...	...	...	...	...	2	...	...	...	...	...	2
			Diseases of the Fauces and Palate.																						
		421	Ulcerated Throat	...	1	2	1	...	1	2	1	...	1	2	...	11
		423	Tonsilitis	1	...	...	...	1	...	2	...	...	...	...	1	5

Local Diseases.

Diseases of the Respectory System. Diseases of the Digestive System.

No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	Diseases of the Pharynx.													
481	Pharyngitis	...	...	...	...	...	...	...	...	...	...	...	1	1
	Diseases of the Stomach.													
449	Gastritis	2	...	2	3	1	1	...	2	...	1	2	...	14
	Gastro-Enteritis	1	...	...	1	...	...	...	...	1	1	...	1	5
450	Chronic Ulceration	...	1	...	...	...	...	...	...	...	2	...	...	3
451	Hæmatemesis	...	...	...	...	...	...	1	...	...	...	...	...	1
460	Dyspepsia	2	3	4	2	2	1	1	1	...	3	4	5	28
463	Vomiting	...	...	1	1	...	...	1	...	2	...	...	1	6
	Diseases of the Intestines.													
464	Enteritis	1	1	2	1	2	...	1	3	1	1	3	1	17
465	Typhlitis and Peritonitis	...	...	1	...	...	...	...	...	...	...	...	1	2
466	Dysentery	205	208	248	138	74	62	76	143	133	98	71	129	1585
467	Ulceration	...	1	1	...	...	1	...	...	...	...	...	1	4
472	Hæmorrhage	...	...	1	...	...	...	...	...	2	1	1	...	5
473	Melæna	...	...	...	...	...	...	...	...	...	...	...	1	1
476	Obstruction	5	3	4	3	2	3	1	1	...	1	2	2	27
478	Intussusception	...	...	...	...	...	...	2	1	1	...	...	...	4
480	Hernia	10	15	12	7	4	2	3	2	3	4	2	5	69
483	Paruspix Diseases— Ascaris Lumbricoides	18	17	13	6	8	5	7	10	5	14	6	7	116
484	Diarrhœa	175	152	227	176	104	102	148	191	148	141	97	139	1800
486	Colic	6	7	7	5	2	...	3	1	2	...	3	8	44
	" Enteritis	1	3	2	2	1	2	...	3	5	...	2	...	21
	Diseases of the Rectum and Anus.													
490	Fistula in Ano	...	3	2	1	...	...	...	1	...	1	...	1	9
491	Hæmorrhoids	7	7	9	6	4	5	2	8	6	2	3	2	61
493	Imperfect Anus	...	...	1	...	...	1	...	...	...	...	...	...	2
494	Prolapsus	...	1	...	...	...	...	...	...	...	...	...	...	1

Local Diseases.	Diseases of the Urinary System.	Diseases of the Respiratory System.		*Diseases of the Liver.*																			
			501	Hepatitis	...	...	...	...	...	...	...	53	51	49	21	36	13	25	28	18	21	13	24	352
			502	Abscess	...	...	...	...	...	...	...	5	4	5	6	2	3	...	3	2	4	3	...	37
			503	Atrophy	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	2
			504	Simple Enlargement	...	...	...	...	...	...	...	3	4	5	8	4	6	3	8	7	5	6	...	59
			506	Cirrhosis	...	...	...	...	...	...	...	2	4	1	...	...	2	3	...	1	1	2	1	17
			509	Lardaceous Liver	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
			513	Jaundice	...	...	...	...	...	...	...	10	4	3	4	2	1	5	2	3	1	2	6	43
				Diseases of the Spleen.																				
			524	Splenitis	...	...	...	...	...	...	...	2	3	5	6	4	3	4	7	8	7	8	5	62
				Diseases of the Peritoneum.																				
			531	Peritonitis	...	...	...	...	...	...	...	4	4	3	3	2	1	2	1	...	2	4	...	26
			532	Ascitis	...	...	...	...	...	...	...	3	5	4	2	2	1	3	5	5	4	5	...	39
				Tumour and Peritonitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
				Abdominal Diseases	...	...	...	...	...	...	...	5	2	2	1	2	1	...	2	3	1	...	4	23
				Diseases of the Kidney.																				
			538	Bright's Disease—																				
				1. Acute	...	...	...	...	...	...	...	8	7	6	5	4	2	6	5	4	3	8	8	66
				2. Chronic	...	...	...	...	...	...	...	3	2	5	2	3	2	2	2	3	2	1	2	29
				Granular Kidney	...	...	...	...	...	...	...	1	...	1	1	...	...	...	1	...	...	1	...	5
				Bright's Disease and dilatation of Heart							...	...	1	...	...	...	...	...	...	...	...	...	...	1
			540	Abscess and Stone in the Kidney			...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
			554	Suppression of Urine	...	...	...	...	...	...	...	1	...	2	...	1	...	1	...	...	1	...	...	6
				Kidney Diseases	...	...	...	...	...	...	...	6	4	3	2	3	2	1	2	1	2	4	2	32
				Diseases of the Bladder.																				
			557	Cystitis	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	1	...	...	4
			570	Calculus	...	...	...	...	...	...	...	1	1	...	...	1	...	1	...	...	...	1	...	5
			572	Paralysis	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
			577	Retention of Urine	...	...	...	...	...	...	...	...	2	1	...	1	...	...	...	1	2	...	3	10
			585	Gonorrhœa	...	...	...	...	...	...	...	...	...	1	1	...	1	...	...	2	...	1	1	7
				Diseases of the Male Urethra.																				
			596	Stricture	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	1	...	1	4
			597	Ulcer	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
			601	Extravasation of Urine	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	2
				Urinary Disease	...	...	...	...	...	...	...	2	4	2	1	...	2	...	...	1	4	1	1	18
				Uræmia	...	...	...	...	...	...	...	...	1	1	...	...	1	...	...	...	...	1	1	5

		No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Diseases.	Diseases of the Generative System.		DISEASES OF THE MALE ORGANS OF GENERATION.													
			Diseases of the Scrotum.													
		608	Sloughing	1	1	...	...	...	1	...	1	...	...	1	...	5
		610	Elephantiasis	...	...	1	...	...	...	1	...	...	...	...	...	2
			Diseases of the Tunica Vaginalis.													
		617	Hydrocele	...	...	...	...	1	...	1	...	...	...	...	...	2
			Diseases of the Testicle.													
		620	Orchitis	...	...	1	...	...	...	...	1	...	...	1	...	3
		622	Inflammation of testis	...	...	...	...	...	...	...	...	1	...	...	...	1
			DISEASES OF THE FEMALE ORGANS OF GENERATION IN THE UNIMPREGNATED STATE.													
			Diseases of the Ovary.													
		630	Inflammation	...	...	...	1	...	...	...	...	...	...	...	...	1
		635	Tumour *	...	2	...	...	...	...	...	...	...	...	...	1	2
		637	Shock from operation ovariam	...	...	...	...	...	...	...	...	...	...	...	...	1
			Diseases of the Broad Ligament.													
		650	Inflammation— Pelvic Peritonitis	1	...	1	...	...	1	...	1	...	1	...	...	5
			Functional Diseases of the Female Organs of Generation.													
		694	Menorchagia	2	...	...	1	...	...	1	...	1	...	...	...	5
			Disorder of the Generative System.													
		703	Abortion	2	2	1	...	...	...	2	...	1	2	...	2	12
		704	Premature Labour	3	1	2	1	...	2	...	1	3	1	...	2	16

| | | |

	No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Diseases of the Organs of Locomotion and Cellular Tissue.		DISEASES OF THE MUSCULAR SYSTEM. *Diseases of the Muscles.*													
	795	Gangrene	4	1	3	2	2	4	5	1	3	3	...	1	29
		Foot Disease	1	...	2	...	1	...	2	1	1	1	...	1	10
Diseases of the Cutaneous system.		*Diseases of the Cellular Tissue.*													
	819	Abscess	...	...	...	...	...	...	...	...	...	...	...	...	...
	821	Slough	...	3	3	1	...	2	3	...	1	1	...	2	16
		Diseases of the Cutaneous System.													
	859	Ulcer	2	...	2	1	...	3	...	1	1	1	2	...	13
	861	Boils	...	...	...	...	1	...	...	...	...	...	...	1	2
	862	Carbuncle	...	2	3	...	3	...	2	2	1	1	2	...	16
	869	Elephantiasis	7	4	7	3	3	2	1	2	...	3	...	1	33
Conditions not necessarily associated with General and Local Diseases		*Conditions not necessarily associated with General and Local Diseases.*													
	902	Still-born	103	106	107	81	115	108	140	169	179	157	170	134	1,569
	903	Premature Birth	2	6	5	3	3	...	1	...	4	3	8	3	38
	904	Old Age	95	134	149	102	61	40	70	89	95	116	84	91	1,126
	905	Debility	206	130	177	133	142	129	147	200	184	214	168	179	2,009
Poisoning.		POISONS. *Metals and their Salts.*													
	906	Arsenic—													
		" accidental	...	...	...	...	...	...	...	2	1	1	...	...	4
		" suicidal	...	...	...	...	...	...	...	1	...	1	2	...	4
		" unknown	...	...	...	...	...	...	...	...	...	1	...	...	1
	907	Mercurial (suicidal)	...	1	...	...	...	...	...	...	...	...	...	...	1
		Irritant poisons (suicidal)	1	...	...	...	...	...	1	...	...	...	...	...	2
		" " accidental	...	...	...	...	...	...	1	...	...	...	...	...	1
		ACIDS.													
	926	Oxalic Accidental	...	...	...	1	...	...	...	...	...	...	...	...	1
		Vegetable Poisons.													
	936	Opium—													
		Accidental	...	1	...	...	2	...	...	...	...	...	...	...	3
		Suicidal	...	...	3	5	1	2	1	3	1	4	...	2	22
		Unknown	1	...	...	...	...	...	...	...	...	...	...	...	1
	938	Alcoholic excessive drinking	2	1	4	4	1	...	1	...	1	1	...	1	16

Poisoning.	943	Thorn apple																		1						1
	951	Tobacco poison																				1				1
		Carbolic acid, suicidal										1														1
		Creasote																						1		1
		Animal Poisons.																								
	985	By Venomous Animals—																								
		Snake-bite													1		1		1		1					4
		Rat-bite								1																1
General injuries.	992	Burns and Scalds—																								
		„ caused by upsetting a chatty									1															2
		„ „ by clothes taking fire							7	7	1	1		1	2	1	1	3	4	1						29
		„ „ by falling in hot water															1									1
		„ „ by steam escaping from a donkey boiler								2																2
		„ „ „ „ pipe																								1
		„ „ fire in a hut										2														2
		Burnt during fire on board S.S. Ganges													1											1
	994	Multiple injuries caused by being knocked by a railway engine												1												1
		„ „ „ by falling a bundle of hoop iron									1															1
		„ „ „ „ from a scaffolding													1											1
		„ „ „ by being run over by a Railway train									1				1											2
	995	Asphyxia—																								
		From drowning in a well (suicidal)							3	2	3	1	3	7	3	6	1	5	3	2						39
		„ „ „ accidentally															4		1	1						6
		„ „ „ unknown								1		1		1												3
		„ „ „ in a pond, accidental														1			1							2
		„ „ „ unknown														1										1
		„ „ „ suicidal													1											1
		„ „ by a fall in the gutter while drunk													1											1
		„ „ „ in fountain, accidental															1									1
		„ „ „ „ suicidal																1								1
		„ „ in a quarry hole, homicidal															1									1
		„ „ „ suicidal													1											3
		„ „ „ accidental							1		1															6
		„ „ in Victoria Dock								1																1
		„ „ in Prince's Dock, suicidal											1	1												2
		„ „ in sea, accidental											1	1	1		1									5
		„ „ „ suicidal								1	1					1										4
		„ „ „ not known							1				2													4
		„ „ in a cess-pool, accidental																								1
		„ „ in tank, accidental							2	1	1	1		1		1		2								10
		„ „ „ suicidal								1	5	1	1	3	2	1	4		1	1						20
		„ „ „ homicidal											1						1							2
		„ „ „ not known																3		2	4					10
		„ „ from hanging by law																								1
		„ „ „ suicidal							1			3	2		1											8

	No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
General Injuries.		Asphyxia—*contd.*													
		From suffocation result of having gone to sleep in a box	...	...	...	...	...	1	...	...	...	...	...	...	1
		" " while cleaning the engine well on board S. S. "Dean"	...	...	...	...	...	...	...	...	...	...	...	1	1
		" " caused by smoke in a room on fire	...	...	1	...	...	...	...	...	...	...	...	...	1
	996	Privation	18	22	20	6	11	4	5	10	15	9	9	12	141
	1003	Concussion of the Brain—													
		By an accidental fall of a heavy bale of goods	...	...	...	...	1	...	...	...	...	...	...	...	1
		By being knocked by a horse	1	...	...	...	...	...	...	...	...	...	...	...	1
		Jumped from a window...	...	...	...	...	...	...	1	...	...	...	...	...	1
		By a fall from a house	1	...	...	...	...	...	...	...	...	...	...	...	1
	1004	Fracture of the vault of the skull by jumping out of a window	1	...	...	...	...	...	...	...	...	...	...	...	1
		" " by an accidental fall from a staircase ...	...	...	...	...	1	...	...	...	...	...	...	...	1
		" " " " " of a bag of cotton seeds	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " " " " into the hold of ship.	...	...	...	...	...	...	...	...	1	...	...	...	1
	1006	Fracture of the base of the skull—													
		By an accidental fall of a plank	...	...	...	...	...	...	...	...	...	1	...	...	1
		" from a storey of the house	...	...	1	...	3	2	...	...	1	2	...	1	10
		" " a weather frame	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " a staircase	...	...	...	1	...	...	...	...	...	...	...	...	1
		" " a verandah	...	...	...	...	...	...	...	...	...	1	...	...	1
		Knocked down by a runaway horse	...	...	...	...	...	...	...	...	...	...	...	1	1
		With laceration of brain caused by somebody unknown ...	...	...	...	..	...	...	1	...	...	...	...	...	1
		During riot	...	...	2	...	...	...	...	...	...	...	...	...	2
		Having thrown himself out under delirium from the window of a house	1	...	...	...	...	...	...	...	...	...	...	...	1
		Fracture of the skull—homicidal	...	...	...	...	...	...	...	...	...	...	...	1	1
		Fracture of the base of the skull—													
		By an accidental fall into a hold of a ship	1	...	...	...	...	...	...	..	1	...	...	...	2
		By a mill machinery	...	...	...	...	...	...	1	...	...	...	...	...	1
		A fall from a staircase	...	...	...	...	...	...	...	...	...	...	...	1	1
		An accidental fall on the ground	...	...	...	...	...	...	...	...	...	...	1	...	1
		Jumped out from a balcony	...	...	...	...	1	...	...	...	...	1	...	...	1
		Run over by a cart	...	...	...	...	...	...	...	...	...	...	...	...	1
		Fracture of the skull—													
		By fall from scaffolding	...	...	...	...	...	...	...	1	...	...	...	...	1
		Fall from a coach box	...	...	...	...	...	...	...	1	...	...	...	...	1
Local Injuries.															

Local Injuries.

		By a fall from a verandah	...		1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Unknown...	...		1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Beaten with a stick, homicidal result of his jumping out from a victoria, the horse having bolted	...	...		1	...	...	...	...	...	...	...	...	...	...	...	...	1
	1008	Injury to the head by jumping out from a window	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
		,, by falling of a stone...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, by being buried under the debris of a partition of a buffaloe stable, which collapsed	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, by an accidental fall from a window	...		1	...	...	...	1	...	...	...	...	...	...	2	2	1	7
		,, ,, ,, from a stair	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		,, by a fall of the flooring of a house under which he was buried	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, by falling over a staircase	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, by falling into the hold of a ship...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		,, by a gun shot in riot	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
		,, by an accidental fall from a tree	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, by an accidental fall of a wall	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, ,, ,, ,, in a drain	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, ,, ,, ,, from a staircase	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, ,, ,, ,, from a ladder	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, ,, ,, ,, from a tree	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		,, ,, ,, ,, of gunny bags	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, ,, ,, ,, from a cart	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, ,, ,, ,, of a bag of sugar	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, ,, ,, ,, of a wooden frame...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, jumped from a window	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		,, by a fall of a wooden case	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		,, ,, ,, from a bullock cart	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
		,, caused by being run-over by a cart	...	...	...	...	...	1	...	...	...	...	...	...	...	2	2	...	5
		,, caused by being knocked down by a pole of a cart ...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2
		,, ,, by a mill machinery...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
	1007	Wound on head by being knocked down by a train ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
		,, by being caught in a machine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	2
		,, Homicidal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
		,, of the head knocked by a engine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, ,, ,, crushed by a car	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, ,, ,, by a fall of earth on him	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, ,, ,, betwen the buffers of Railway wagons ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		,, ,, ,, being run over by a Railway engine or train	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
		,, ,, ,, severed by having kept it on a Railway rail	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
		Injuries of the Face.																							
	1018	Injuries of the face by falling on the road under the influence of liquor	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Injury on the cheek, knocked down and run over by a shigram	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Injuries to the Neck.																							
		Wound, cut thoat, homicidal	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
		,, ,, suicidal	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		By a fall of a bag of wheat	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1

No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	Injuries of the Chest.													
	Fracture of ribs caused by being run over by a victoria	...	...	...	1	...	...	...	...	...	...	...	...	1
1056	Wound on chest by a gun shot during riot	...	...	1	...	...	...	...	...	...	...	...	...	1
1057	Injuries to the chest by the handle of yarn pressing machine	1	...	...	...	...	...	...	...	...	...	...	...	1
	" " by having fallen from a tree ...	...	...	1	...	...	...	...	...	...	...	...	...	1
	" " by being crushed under a Railway engine and wagons	...	...	1	...	...	3	...	...	...	...	...	...	4
	Injuries of the Back.													
1062	Fracture of Spine—													
	By an accidental fall from a house...	...	...	1	...	...	...	...	...	1	...	...	...	2
	" " in a hold of a ship	...	...	1	...	...	...	...	...	...	...	...	...	1
	" " of a cotton bale	...	...	...	...	1	...	...	...	...	...	...	...	1
	Jumped from a window	...	...	...	...	...	...	...	...	1	...	...	...	1
1063	Injury to the spine by an accidental fall of a cotton bale ...	...	...	1	...	...	...	...	...	...	...	...	...	1
	" " " from a window ...	...	...	...	...	...	...	...	...	...	...	1	...	1
	Wound of the spine by a gun shot	...	...	...	1	...	...	...	...	...	...	...	...	1
	Injuries of the Abdomen.													
1066	Rupture of liver caused by a fall from a height ...	...	...	1	...	...	...	...	...	...	...	...	...	1
1067	Wound of the liver—homicidal	...	...	...	...	...	...	...	...	...	1	...	...	1
	" " " by being run over by a shigram ...	...	...	...	...	...	...	...	...	1	...	...	...	1
1067	" " abdomen by a gun shot during riot... ...	...	...	1	...	...	...	...	...	...	...	...	...	1
	" " " by an insane man	...	...	...	...	...	...	...	...	...	...	...	1	1
1072	Internal injuries caused by a fall from a loft	...	...	...	1	...	...	...	...	...	...	...	...	1
	" " verandah	...	...	...	...	...	...	...	...	...	...	1	...	1
	" " of a wooden beam	...	...	1	...	...	...	...	...	...	...	...	...	1
	" " of a wooden case containing machinery	...	...	...	...	...	...	...	...	...	...	...	...	1
	" by gun shot wound during riot	...	...	1	...	...	...	...	...	...	...	...	...	1
	" by a fall from a scaffolding	...	...	...	...	1	...	...	...	...	...	...	...	1
	" " from a storey of a mill	...	...	...	...	...	...	...	...	1	...	...	...	1
	" by being run over by a cart	...	...	...	...	...	...	...	...	...	1	...	...	1
	" jammed between the buffers of Railway wagons	...	...	...	...	...	...	...	1	1	...	...	...	2

	Injuries to the Abdomen caused—														
	By being run over by a cart...	...	...	...	...	...	...	...	...	...	...	1	...		1
	„ an accidental fall from a house	...	...	1	...	...	...	...	...	...	...	...	...		1
	„ an explosion	...	...	...	...	...	...	...	1	...	...	...	...		1
	„ being knocked down by a tram horse...	...	1	...	...	...	...	...	...	...	...	...	...		1
	„ being knocked down by a cart	...	...	...	...	...	...	1	...	...	...	...	...		1
	Injuries of the Upper Extremities.														
1091	Rupture of urethra by a fall from a ladder	...	...	...	...	...	...	1	...	...	...	...	...		1
	„ „ „ of bags of grain	...	...	...	...	...	...	...	...	1	...	...	...		1
1094	Wound of arm by a gun shot during riot...	...	...	3	...	...	...	...	...	...	...	...	...		3
1103	Fracture of arm by an accidental fall of earth, &c.	1	...	...	...	...	...	...	...	...	...	...	...		1
1104	„ compound of forearm caused by a fall on the road	...	1	...	...	...	...	...	...	...	...	...	...		1
	„ of arm being caught in a mill machinery	...	...	...	1	...	...	...	...	...	1	...	...		2
	„ of arm run over by a Railway train	...	...	...	...	...	...	...	...	1	...	...	...		1
	„ of forearm knocked down by a Railway engine	...	...	...	1	...	...	...	...	...	...	...	...		1
	Injury to the arm having fallen from a ladder	1	...	...	...	...	...	...	...	...	...	...	...		1
1112	„ wrist by an accidental fall from scaffolding	...	...	...	1	...	...	...	...	...	...	...	...		1
	Injuries to the Lower Extremities.														
1117	Wound of leg by a gun shot during riot	...	...	1	...	...	...	...	...	...	...	...	...		1
1119	Injury to the foot (gangrene)	...	...	...	...	...	...	...	...	...	1	...	...		1
	„ „ leg unknown)	...	...	...	1	...	...	...	...	...	1	...	...		2
	„ „ „ run over by a Railway engine	...	...	...	1	...	...	...	...	...	...	...	...		1
	„ „ „ by an iron bucket	...	...	...	...	...	...	...	...	1	...	...	...		1
	„ „ „ by an accidental fall of a heavy load	...	1	...	...	...	...	...	...	...	...	...	...		1
	„ „ „ by being knocked down by a horse...	1	...	...	...	...	...	...	...	...	...	...	...		1
	„ „ „ by being run over by a bullock cart...	...	...	1	...	...	...	...	...	...	...	...	...		1
1121	Fracture, compound of leg by an accidental fall of a wooden log.	...	...	...	1	...	...	...	...	...	...	...	...		1
	„ „ „ fall of a street roller	...	1	...	...	...	...	...	...	...	...	...	...		1
	„ of hip by a fall from a staircase	...	...	1	...	...	...	...	...	...	...	1	...		2
	„ „ „ while drunk	...	...	...	1	...	...	...	...	...	...	...	...		1
	„ compound of thigh by an accidental fall on road	...	1	...	...	...	...	...	...	...	...	...	...		1
	„ of leg by a hand roller passing over it	1	...	...	...	...	...	...	...	...	...	...	...		1
	„ of right thigh having fallen while attempting to get in a tram car carriage while in motion	...	...	1	...	...	...	...	...	...	...	...	...		1
	Fracture of thigh	...	...	...	...	1	...	...	...	...	...	...	...		1
	„ „ by an accidental fall of an iron machinery	...	...	...	...	1	...	...	...	1	...	...	...		2
	„ „ by being run over by a tram car	...	...	...	1	...	...	...	...	...	...	...	...		1
1126	„ of Patella	...	...	...	...	...	...	...	...	1	...	...	...		1
1135	Wound of thigh accidentally knocked down and pushed along the wheel guard of a tram car	...	...	...	...	...	...	1	...	...	...	...	...		1
	Wound of leg by a nail	...	...	...	...	...	...	1	...	...	...	...	...		1
	Unknown causes	11	7	8	7	5	7	1	4	3	2	2	5		62

Local Injuries.

II.

CAUSES of DEATHS at different Ages amongst JAINS

MALES.

		Days.	Months.	YEARS.																All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A Small-pox	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	A Measles	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	A Fever: Enteric	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	2
	A Fever: Simple continued	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	2
	A Fever: Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Fever: Remittent	..	1	1	1	..	1	..	1	6	8	6	12	12	8	6	4	6	4	4	81
	A Cholera	..	..	..	..	..	..	..	..	..	1	1	2	..	..	1	..	..	..	..	5
	A Plague	..	..	1	1	1	..	3	11	45	101	164	136	109	91	60	30	37	15	25	828
	A All other diseases classed under Section A of General Diseases	..	1	1	..	..	..	..	..	..	..	1	1	..	1	..	1	..	..	1	7
	B Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
	B Dropsy	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	..	1	4
	B All other diseases classed under Section B of General Diseases	..	1	2	1	1	..	..	2	6	11	12	8	13	11	7	12	8	7	102
LOCAL DISEASES.	Diseases of the Nervous system	10	13	1	3	1	..	..	..	1	..	3	2	2	..	3	3	1	2	45
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	1	3	1	2	..	2	6	2	2	5	23
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	..	13	16	13	3	..	1	2	1	2	4	4	7	10	13	10	9	9	18	165
	Diseases of the Digestive system: Diarrhœa	..	1	2	3	1	..	1	..	1	2	3	4	8	5	1	4	8	4	3	57
	Diseases of the Digestive system: Dysentery	..	..	..	1	1	..	..	..	2	1	4	3	4	5	..	..	2	3	4	30
	Diseases of the Digestive system: All other diseases registered under Digestive system	..	..	2	..	..	..	1	2	1	..	2	4	2	6	3	3	2	4	2	34
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	1	..	3	7
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	2
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	1	..	..	..	..	1	..	1	..	..	1	..	1	..	1	1	7
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	3
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	12	13
	Debility	14	5	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	20
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	2
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Local Injuries	..	..	..	..	..	..	1	2	..	1	..	..	..	1	..	1	..	..	1	7
	Drowning	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	1	3
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
All Causes, exclusive of Still-born		24	36	28	24	8	1	7	19	60	126	201	184	156	146	100	71	86	52	126	1452
Cholera, Small-pox, Measles and Plague		..	1	1	1	1	..	3	11	45	102	165	138	109	92	61	30	37	15	22	634
All other Causes		24	35	26	23	7	1	4	8	15	24	36	46	47	54	39	41	48	37	104	818

during the Year beginning 1st January 1898.

| FEMALES. | | | | | | | | | | | | | | | | | | | | | | PERSONS. | | | | | | | | | | | | | | | | | | |

CAUSES of DEATHS at different Ages amongst BRAHMINS

| | | | MALES. | | |

during the Year beginning 1st January 1898.

| FEMALES. | | |

CAUSES of DEATHS at different Ages among LINGAETS

MALES.

		Days.	Months.	YEARS.																All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A. Fever. Enteric fever																			
	A. Fever. Simple continued																			
	A. Fever. Ague																			
	A. Fever. Remittent fever											1						1		2
	A. Cholera																			
	A. Plague							1	2	4		3	4	4	1	4		2	2	23
	A. All other diseases classed under section A of General Diseases									1				1					1	3
	B. Leprosy																			
	B. Dropsy																			
	B. All other diseases classed under Section B of General Diseases				1				1	1	2		1	2	2	2	1		1	14
LOCAL DISEASES.	Diseases of the Nervous system																		1	1
	Diseases of the Eye, Ear, and Nose																			
	Diseases of the Circulatory system																			
	Diseases of the Absorbent system and ductless glands																			
	Diseases of the Respiratory system		2						1				1				1	2	1	8
	Diseases of the Digestive system. Diarrhœa													2						2
	Diseases of the Digestive system. Dysentery											1					1		1	3
	Diseases of the Digestive system. All other diseases registered under Digestive system.																			
	Diseases of the Urinary system																			
	Diseases of the Generative system																			
	Diseases of the Organs of Locomotion and Cellular Tissue																			
	Diseases of the Cutaneous system																			
Conditions not necessarily associated with General or Local Diseases.	Premature Birth																			
	Old Age																		3	4
	Debility		1																	1
Accident and Violence.	Poisons																			
	General Injuries																			
	Local Injuries												1							1
	Drowning																			
Unspecified Causes																				
All Causes, exclusive of Still-born			3	1				1	5	5	3	5	6	9	4	6	1	5	5	9	68
Cholera, Small-pox, Measles and Plague								1	3	4		3	4	4	1	4		2	2	1.	29
All other Causes			3	1					2	1	3	2	2	5	3	2	1	3	3	8	39

during the Year beginning 1st January 1898.

| FEMALES. | | |

V.

CAUSES of DEATHS at different Ages amongst

MALES.

		Days.	Months.	YEARS.														All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A Fever. Small-pox																			..
	A Fever. Measles			1																1
	A Fever. Enteric																			..
	A Fever. Simple continued		1																	1
	A Fever. Ague																			..
	A Fever. Remittent			1					1	1		3		2	1				1	10
	A Cholera																			..
	A Plague					1	2	8	5	16	14	9	12	10	13	8	17	5	15	135
	A All other diseases classed under Section A of General Diseases																			..
	B Leprosy																			..
	B Dropsy																			..
	B All other diseases classed under Section B of General Diseases										2	4	1	1	2	2	3	2	...	17
LOCAL DISEASES.	Diseases of the Nervous system		6	6		1			1			1						1	1	17
	Diseases of the Eye, Ear and Nose																			..
	Diseases of the Circulatory system														1	1	1		2	5
	Diseases of the Absorbent system and ductless glands																			..
	Diseases of the Respiratory system		2	5	2						1	2	3	1	1	2	2	1	25	47
	Diseases of the Digestive system: Diarrhœa		1							1	1	1	1	2	1	3	1	2	3	17
	Diseases of the Digestive system: Dysentery													1				1	2	4
	Diseases of the Digestive system: All other diseases registered under Digestive system											1			3	1			1	6
	Diseases of the Urinary system																	1	3	4
	Diseases of the Generative system																			..
	Diseases of the Organs of Locomotion and Cellular Tissue														1			1	1	3
	Diseases of the Cutaneous system																			..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth		1																	1
	Old Age																	2	5	7
	Debility		4	1		1														6
Accident and Violence.	Poisons																			..
	General Injuries																			..
	Local Injuries																		1	1
	Drowning																			..
Unspecified Causes																				..
All Causes, exclusive of Still-born		11	11	6	4	1	1	2	9	7	18	20	19	19	15	25	15	27	12	60	282
Cholera, Small-pox, Measles and Plague				1			1	2	8	5	16	14	9	12	10	13	8	17	5	15	136
All other Causes		11	11	5	4	1			1	2	2	6	10	7	5	12	7	10	7	45	146

TIAS during the Year beginning 1st January 1898.

| FEMALES. | | |

CAUSES of DEATHS at different Ages amongst HINDUS OF

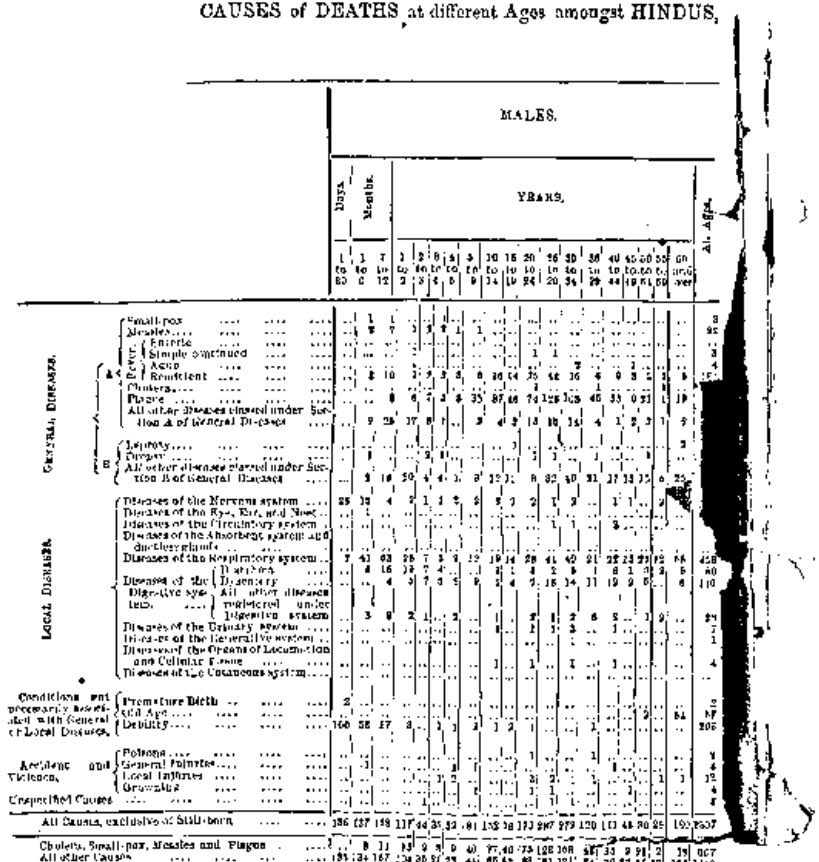
			MALES.																									
			Days.	Months.	YEARS.																All Ages.	Days.	Months.	
			1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		1 to 30	1 to 6	7 to 12
General Diseases.	A	Small-pox	..	..	2	1	..	..	1	..	3	1	1	..	..	2	1	..	..	..	..	12	1	4	2
		Measles	..	9	15	17	4	3	3	8	1	1	..	2	..	..	..	..	..	..	..	63	..	5	20
		Fever. Enteric	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	..	..	..	3	..	..	..
		Fever. Simple continued	1	4	9	2	2	2	3	4	5	4	7	4	6	7	2	4	..	2	4	72	1	7	12
		Fever. Ague	..	..	..	1	..	..	..	..	2	3	8	6	4	1	2	1	1	4	2	35	..	..	..
		Fever. Remittent	2	24	24	30	20	17	13	43	87	104	171	220	156	114	89	55	58	24	64	1320	2	33	30
		Cholera	..	..	..	1	..	..	..	4	5	5	5	10	7	7	2	1	1	..	2	50	..	..	..
		Plague	1	2	5	24	38	28	63	331	623	700	1171	1587	1423	841	627	283	300	93	243	8378	..	..	11
		All other diseases classed under Section A of General Diseases	..	4	17	15	5	2	1	3	6	21	48	81	66	61	23	16	11	3	11	382	1	..	22
	B	Leprosy	..	..	..	..	..	..	..	..	..	..	1	3	..	4	2	2	..	..	2	14	..	..	..
		Dropsy	..	2	..	..	1	2	3	1	2	1	2	1	3	2	1	4	2	1	4	32	..	3	..
		All other diseases classed under Section B of General Diseases	..	15	37	48	30	15	11	33	55	85	186	232	241	175	190	95	112	38	105	1097	3	14	..
Local Diseases.		Diseases of the Nervous system	176	104	47	19	13	5	9	14	7	8	12	23	27	21	18	9	12	8	33	564	127	71	2
		Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..
		Diseases of the Circulatory system	..	1	..	..	..	1	1	2	1	4	5	11	16	7	13	8	6	5	16	97	..	1	..
		Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..
		Diseases of the Respiratory system	26	176	206	143	42	12	20	32	47	47	94	109	136	110	113	60	110	37	500	2018	17	150	181
		Diseases of the Digestive system. Diarrhœa	3	30	60	41	17	17	6	23	16	21	33	46	49	35	22	12	20	10	53	523	..	18	45
		Diseases of the Digestive system. Dysentery	..	3	9	20	16	18	11	38	26	27	44	49	56	37	32	21	22	9	32	468	..	4	25
		Diseases of the Digestive system. All other diseases registered under Digestive system	1	6	28	37	12	5	2	11	11	7	10	33	46	25	30	20	12	10	26	334	1	7	18
		Diseases of the Urinary system	..	3	..	1	1	..	..	1	1	4	4	3	7	9	2	2	6	3	3	52	..	1	1
		Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	3	1	1	2	1	..	..	..	2	10	..	..	..
		Diseases of the Organs of Locomotion and Cellular Tissue	..	..	3	..	..	..	..	1	2	..	3	5	4	6	4	3	3	..	6	40	..	..	2
		Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	2	3	..	2	1	1	2	..	..	11	..	..	..
Conditions not necessarily associated with General or Local Diseases.		Premature Birth	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	6	..	..
		Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	4	172	182	..	..	..
		Debility	384	125	43	14	7	1	..	..	1	2	1	3	5	1	8	4	..	..	..	599	301	116	43
Accident and Violence.		Poisons	..	..	..	1	..	..	..	2	..	1	..	5	5	2	7	1	1	..	2	21	..	..	..
		General Injuries	..	1	..	..	..	..	..	1	1	1	6	16	12	16	3	5	6	3	11	82	..	..	..
		Local Injuries	..	..	..	..	2	..	..	4	5	5	6	19	8	7	4	2	2	1	7	72	..	..	..
		Drowning	..	..	..	..	1	..	..	1	2	1	7	16	8	3	5	2	3	1	2	52	..	..	..
Unspecified Causes			1	1	..	1	..	..	1	1	..	..	1	2	5	4	6	..	3	..	2	28	1	..	..
All Causes, exclusive of Still-born			598	511	505	416	206	128	148	581	909	1064	1823	2492	2292	1491	1207	610	702	285	1304	17222	461	434	483
Cholera, Small-pox, Measles and Plague			1	11	22	45	37	31	67	243	632	707	1177	1599	1430	850	630	284	301	93	245	8503	1	9	33
All other Causes			597	500	483	373	169	97	81	218	277	347	646	893	862	641	577	326	401	192	1059	8719	460	425	456

OTHER CASTES during the Year beginning 1st January 1898.

FEMALES. YEARS. 1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	All Ages.	PERSONS. Days. 1 to 30	Months. 1 to 6	7 to 12	YEARS. 1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over.	All Ages.		
2	1	2	..	3	3	..	..	2	1	2	..	..	1	..	..	24	1	8	4	3	1	2	1	3	6	1	1	2	1	4	1	..	1	..	..	86	Small pox	
18	12	11	2	9	3	1	..	..	..	..	..	..	..	..	..	85	..	14	35	35	16	14	5	17	3	2	..	2	..	..	..	..	..	..	..	..	143	Measles	
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	1	..	2	..	..	..	..	..	..	..	..	6	Enteric	
2	3	2	1	2	3	..	..	2	2	1	7	..	4	..	4	68	2	11	21	9	5	4	4	6	7	7	8	12	8	8	3	4	4	2	8	140	Simple continued	
1	1	..	..	2	1	..	2	2	3	..	2	..	1	..	1	23	..	..	..	2	1	..	..	2	5	5	10	9	6	4	5	1	3	4	3	58	Ague	A
28	18	10	12	32	20	63	51	33	62	49	38	28	24	11	55	769	4	57	54	59	38	27	25	110	177	167	230	313	216	163	128	83	82	55	119	2088	Remittent	
..	..	..	..	1	2	1	3	..	2	..	1	..	2	1	1	19	..	..	..	1	..	..	..	5	8	6	8	14	9	7	8	1	3	1	3	69	Cholera	
28	33	42	40	324	520	430	481	537	402	275	265	149	140	53	171	3901	1	2	16	52	60	70	103	656	1148	1180	1882	2124	1825	1116	892	433	460	146	614	12279	Plague	
14	2	5	..	3	6	18	56	33	38	23	7	4	10	..	16	238	1	4	39	29	7	5	1	6	12	39	84	114	104	74	80	20	21	3	27	820	All other diseases classed under Section A of General Diseases	
..	1	..	..	..	..	..	2	..	2	1	..	..	1	..	2	9	..	..	..	..	1	..	..	..	..	..	2	3	2	5	2	2	1	..	4	23	Leprosy	
..	2	..	2	..	1	3	1	2	1	1	2	2	2	1	5	31	..	5	2	1	2	2	5	1	3	4	3	3	6	2	3	4	4	2	9	63	Dropsy	B
..	23	16	14	28	73	107	180	105	166	128	126	56	75	27	136	1490	3	28	84	98	53	31	25	61	128	192	300	427	426	304	216	151	187	68	241	3187	All other diseases classed under Section B of General Diseases	
4	7	3	3	10	8	11	6	16	13	11	10	4	6	8	33	387	302	176	75	38	20	8	12	24	16	19	18	39	40	32	28	13	20	16	66	981	Diseases of the Nervous system	
..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	1	..	..	2	..	..	..	..	..	..	..	3	Diseases of the Eye, Ear, and Nose..	
..	1	..	1	..	..	2	7	..	2	..	6	..	3	..	5	23	..	2	..	1	1	1	2	2	1	6	6	13	14	7	18	8	9	5	21	120	Diseases of the Circulatory system..	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	Diseases of the Absorbent system and ductless glands	
129	37	17	15	42	48	20	42	55	50	31	49	35	101	35	552	1600	48	324	287	205	79	25	35	74	93	67	130	167	183	141	102	64	211	72	1042	3818	Diseases of the Respiratory system..	
55	26	16	8	18	14	13	18	14	18	21	6	11	8	2	50	372	8	48	105	96	42	33	14	41	32	54	51	60	67	54	28	27	28	21	117	895	Diarrhœa	
19	15	21	11	36	37	10	17	23	19	14	8	6	7	6	23	297	..	7	34	59	31	38	22	72	57	37	61	72	75	61	47	27	29	15	55	765	Dysentery	
																																					Digestive system. All other diseases registered under Digestive system.	
24	17	9	4	13	9	8	2	11	10	9	7	4	9	1	6	167	2	15	46	61	29	14	6	24	19	15	11	44	56	34	37	24	21	11	32	501	
..	2	..	1	2	..	2	..	3	1	2	6	2	..	1	2	25	..	4	1	1	2	..	1	3	1	3	4	6	8	12	6	4	6	4	5	77	Diseases of the Urinary system,...	
..	..	..	..	..	1	42	77	74	52	31	14	3	2	..	..	276	..	..	..	..	..	..	..	..	1	42	80	75	55	33	13	3	4		2	308	Diseases of the Generative system.	
1	1	1	..	..	..	..	3	2	2	3	5	..	1	2	3	25	..	..	6	1	1	1	..	1	2	..	6	7	8	9	3	3	4	1	9	65	Diseases of the Organs of Locomotion and Cellular Tissue	
..	..	1	..	..	..	..	..	2	1	2	..	..	1	..	..	7	..	..	..	..	..	1	..	..	..	..	2	3	2	3	2	1	2	1	..	18	Diseases of the Cutaneous system..	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	Premature Birth	Conditions not necessarily associated with General or Local Diseases.
..	..	..	..	..	..	..	..	..	..	..	..	..	6	13	290	309	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	17	42	491	Old Age	
18	4	4	..	2	..	3	1	2	4	6	5	7	..	..	..	522	685	241	86	32	11	5	..	2	1	6	2	11	9	7	13	11	..	..	..	1121	Debility	
..	..	..	..	1	1	..	1	1	1	..	..	..	..	1	..	6	..	..	..	1	..	..	..	3	1	1	1	6	6	2	1	1	1	1	2	27	Poisons	Accident and violence.
2	2	1	..	1	1	..	..	3	2	..	3	3	3	..	4	24	..	1	..	..	2	1	..	3	2	1	6	19	14	16	11	5	2	2	15	111	General Injuries	
2	2	..	..	3	2	1	1	..	..	1	..	..	..	..	3	14	..	..	..	2	4	..	..	6	7	8	7	18	8	7	5	2	2	12	10	86	Local Injuries	
..	1	1	..	3	3	4	4	..	2	1	2	..	2	1	3	26	..	..	..	..	2	1	..	3	5	5	11	16	10	4	7	3	5	7	5	78	Drowning	
..	..	..	..	..	1	..	1	1	..	1	1	1	1	..	1	8	2	1	..	1	..	..	1	1	..	1	1	3	6	4	7	1	4	..	2	36	Unspecified Causes.	
421	210	160	114	564	823	716	925	1093	878	614	575	315	434	164	1374	10782	1049	945	994	827	416	288	262	1125	1730	1806	2744	3585	3070	2108	1782	926	1186	425	2678	28004	All Causes, exclusive of Still-born.	
46	46	55	42	387	528	432	464	542	408	277	266	142	163	54	172	4024	2	20	55	91	83	86	109	680	1160	1139	1641	2142	1835	1127	890	428	464	147	417	12527	Cholera, Small-pox, Measles and Plague,	
375	164	105	72	227	295	284	461	551	470	337	309	173	271	110	1202	6758	1047	925	939	736	333	202	153	445	570	667	1103	1443	1235	981	892	498	722	278	2261	15477	All other Causes	

GENERAL DISEASES. LOCAL DISEASES.

CAUSES of DEATHS at different Ages amongst HINDUS, LOW-CASTE, during the Year beginning 1st January 1898.



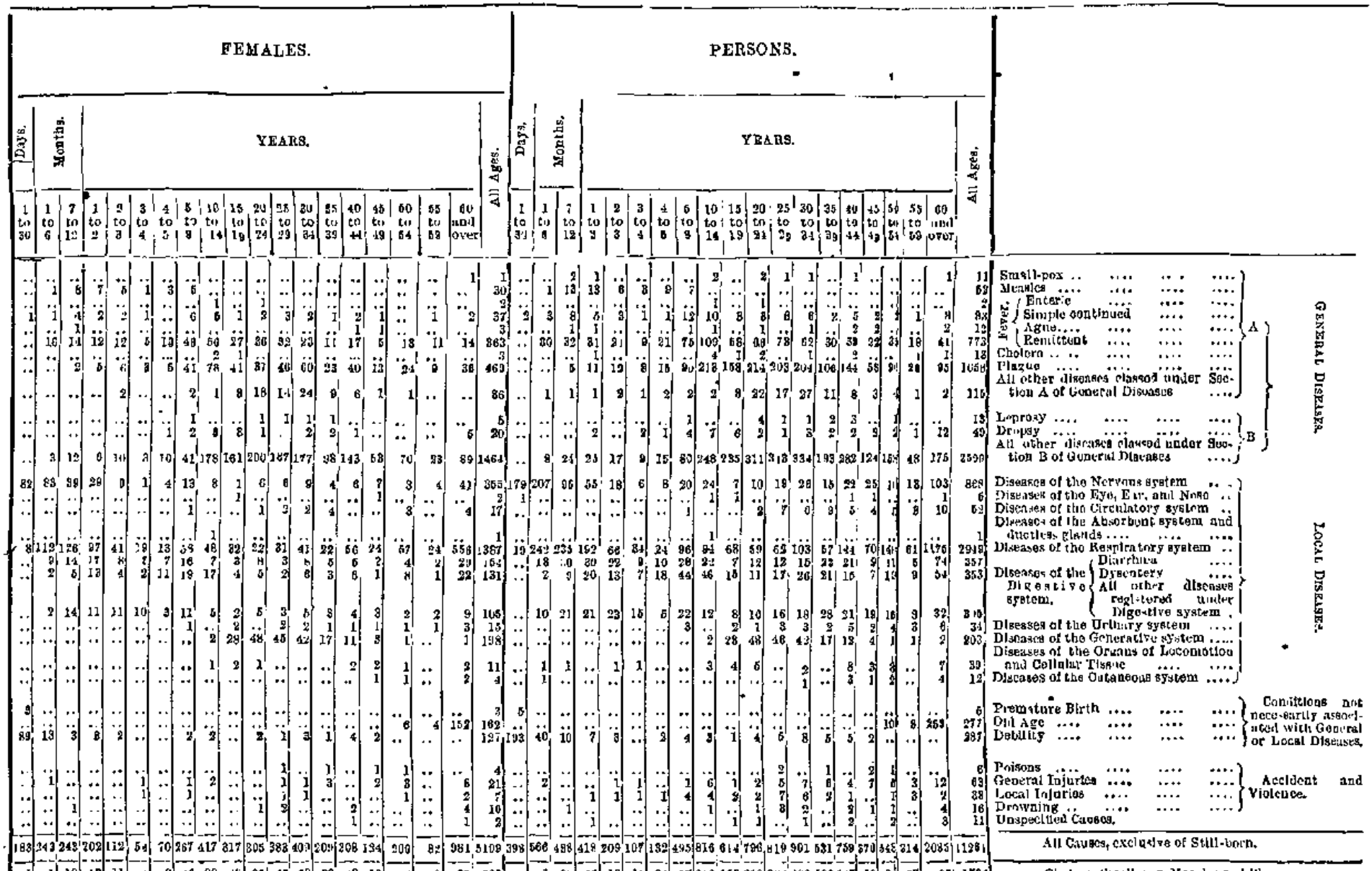
CAUSES of DEATHS at different Ages amongst MUSSULMANS

MALES.

		Days.	Months.	YEARS.															All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A	Small-pox	..	..	2	1	..	..	..	2	..	2	1	1	..	1	..	..	..	..	10
		Measles	..	..	5	6	1	2	6	2	..	..	..	..	..	..	..	..	..	..	22
		Fever: Enteric	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Fever: Simple continued	1	2	4	3	1	..	1	6	5	2	1	3	4	1	3	1	2	..	6	48
		Fever: Ague	..	..	..	1	..	..	..	1	1	..	1	..	1	..	1	1	..	..	2	9
		Fever: Remittent	..	14	18	19	9	4	8	29	53	31	30	41	39	19	22	17	22	8	27	410
		Cholera	..	..	..	1	..	..	..	..	2	..	2	..	1	..	2	..	..	1	1	10
		Plague	..	..	3	6	6	5	10	49	135	117	177	157	144	83	104	45	72	17	59	1189
		All other diseases classed under Section A of General Diseases	..	1	1	1	..	1	2	..	1	..	4	3	3	2	2	2	3	1	2	29
	B	Leprosy	..	..	..	..	..	..	..	..	..	..	3	..	..	1	3	..	1	..	..	8
		Dropsy	..	..	..	2	..	2	..	2	4	3	1	1	..	1	2	2	1	7	29
		All other diseases classed under Section B of General Diseases	..	5	12	19	7	6	5	33	70	74	111	126	157	95	139	71	88	25	86	1135
LOCAL DISEASES.		Diseases of the Nervous system	97	124	56	26	9	5	4	7	16	6	4	13	17	11	16	18	13	9	62	513
		Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	1	3
		Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	..	1	5	4	5	6	4	2	3	6	35
		Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Diseases of the Respiratory system	11	130	109	95	25	15	11	38	40	38	37	31	62	35	38	46	31	37	619	1562
		Diseases of the Digestive system: Diarrhœa	..	9	16	13	14	2	2	12	15	4	4	9	7	17	16	7	7	3	45	208
		Diseases of the Digestive system: Dysentery	..	..	4	7	9	5	7	25	29	11	6	15	20	18	9	6	11	3	32	222
		Diseases of the Digestive system: All other diseases registered under Digestive system	..	8	7	10	12	5	2	11	7	6	5	13	13	25	17	16	14	6	23	200
		Diseases of the Urinary system	..	..	..	..	..	..	..	2	..	..	1	1	1	4	1	3	2	3	1	19
		Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	1	1	5
		Diseases of the Organs of Locomotion and Cellular Tissue	..	1	1	..	1	1	..	2	2	4	..	2	..	6	1	2	..	5	28
		Diseases of the Cutaneous system	..	1	..	..	..	..	..	..	..	..	..	1	..	3	..	1	..	2	8
Conditions not necessarily associated with General or Local Diseases.		Premature Birth	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
		Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4	107	115
		Debility	104	27	7	4	1	..	2	2	1	1	2	4	..	4	1	..	..	..	..	160
Accident and Violence.		Poisons	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	2
		General Injuries	..	1	..	1	..	..	..	4	1	3	4	6	3	4	5	2	3	6	42
		Local Injuries	..	..	..	1	1	..	1	3	4	2	6	5	2	1	..	..	3	..	31
		Drowning	..	..	..	..	..	..	..	..	1	..	1	2	..	..	1	1	..	..	6
Unspecified Causes			..	..	..	1	..	..	..	..	..	1	1	..	1	..	..	2	..	2	9
All Causes, exclusive of Still-born			216	323	246	216	97	63	62	228	399	297	401	486	492	322	451	246	343	132	1104	6062
Cholera, Small-pox, Measles and Plague			..	..	10	14	7	7	16	51	139	117	181	158	146	83	107	45	72	18	60	1231
All other Causes			216	323	236	202	90	56	46	177	260	180	220	328	346	239	344	201	271	114	1044	4831

III.

during the Year beginning 1st January 1898.



I

CAUSES of DEATHS at different Ages amongst PARSEES

MALES.

		Days.	Months.	YEARS.															All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A. Fever: Enteric	..	..	..	3	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1
	A. Fever: Simple continued	..	..	..	4	..	..	..	1	..	1	2	..	..	1	..	1	1	1	..	4
	A. Fever: Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
	A. Fever: Remittent	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	2
	A. Cholera	1	2	6	3	2	..	..	1	4	3	1	3	2	2	2	3	5	3	10	53
	A. Plague	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
	A. All other diseases classed under Section A of General Diseases	..	..	..	2	1	2	3	16	37	37	38	32	27	18	22	13	17	11	13	263
	B. Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
	B. Dropsy	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	4	..
	B. All other diseases classed under Section B of General Diseases	..	..	1	2	..	..	..	1	2	15	6	2	1	2	2	5	5	9	53	6
LOCAL DISEASES.	Diseases of the Nervous system	6	16	22	24	4	..	1	2	3	..	5	2	8	2	3	2	7	7	20	134
	Diseases of the Eye, Ear, and Nose	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	1	1	3	2	2	3	..	3	3	8	6	11	44
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	1	7	24	14	5	4	1	2	2	1	..	2	..	2	3	5	2	13	94	
	Diseases of the Digestive system. Diarrhœa	1	4	4	5	..	..	..	..	..	..	..	..	1	1	..	2	..	1	5	24
	Diseases of the Digestive system. Dysentery	1	..	10	6	..	1	..	2	1	2	..	..	1	4	1	1	7	4	13	54
	Diseases of the Digestive system. All other diseases registered under Digestive system.	2	1	3	4	..	..	1	6	2	4	1	4	3	3	3	4	4	3	12	60
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	1	11	15
	Diseases of the Generative system	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	2	7
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	..	4
	Diseases of the Cutaneous system	..	1	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	5	9
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	28	31
	Debility	28	1	2	1	..	1	..	..	..	1	..	1	..	3	..	..	..	..	..	38
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	1	4	..	1	..	1	..	..	..	..	7
	General Injuries	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
	Local Injuries	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	2
	Drowning	..	..	..	..	..	..	..	..	..	..	2	3	1	1	..	..	2	..	..	9
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All Causes exclusive of Still-born		44	33	75	65	12	8	8	30	44	58	70	48	50	34	42	37	65	48	162	933
Cholera, Small-pox, Measles and Plague		..	..	..	5	1	2	4	16	28	37	38	22	27	18	22	13	17	11	18	274
All other Causes		44	33	75	60	11	6	4	14	16	21	32	26	23	16	20	24	48	37	149	659

X.

during the Year beginning 1st January 1898.*

| FEMALES. | | |

X.

CAUSES of DEATHS at different Ages amongst JEWS

MALES.

		Days.	Months.	YEARS.														All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A Fever. Small-pox																				..
	A Fever. Measles					1															1
	A Fever. Enteric																				..
	A Fever. Simple continued			1																	1
	A Fever. Ague																				..
	A Fever. Remittent				2	1			5	..	1			1	1						9
	A Cholera																				..
	A Plague									7	4	3	4	1	2	3	1	..	1	..	26
	A All other diseases classed under Section A of General Diseases																				..
	B Leprosy																				..
	B Dropsy																				..
	B All other diseases classed under Section B of General Diseases			1								3			1		1		2		8
LOCAL DISEASES.	Diseases of the Nervous system		3	2			1							1				1	1		9
	Diseases of the Eye, Ear, and Nose																				..
	Diseases of the Circulatory system											1	1					1			3
	Diseases of the Absorbent system and ductless glands																				..
	Diseases of the Respiratory system		2	1	1	1									2	1	1				9
	Diseases of the Digestive system. Diarrhœa					2										1				2	5
	Diseases of the Digestive system. Dysentery			1																	1
	Diseases of the Digestive system. All other diseases registered under Digestive system			1	2					1					1						5
	Diseases of the Urinary system									1				1							2
	Diseases of the Generative system																				..
	Diseases of the Organs of Locomotion and Cellular Tissue																	1			1
	Diseases of the Cutaneous system																				..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth		1																		1
	Old Age																			3	3
	Debility		2	1							1										4
Accident and Violence.	Poisons																			1	1
	General Injuries			1																	1
	Local Injuries																			1	1
	Drowning																				..
Unspecified Causes																					..
All Causes, exclusive of Still-born		3	7	7	6	4	1	..	3	9	6	6	5	3	5	7	3	3	3	10	91
Cholera, Small-pox, Measles and Plague					1					7	4	3	4	1	2	3	1	..	1	..	27
All other Causes		3	7	7	5	4	1	..	3	2	2	3	1	2	3	4	2	3	2	10	64

during the Year beginning 1st January 1898.

| FEMALES. | | |

CAUSES of DEATHS at different Ages amongst NATIVE

MALES.

		Days.	Months.	YEARS.																					All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 & over					
GENERAL DISEASES.	A. Fever: Small-pox											2		1											3
	Measles			1																					1
	Enteric					1										2	1								4
	Simple continued																	1							1
	Ague									1				1					1	1	1				5
	Remittent	2	7	3	3	3	2		3	3	7	7	9	3	5	5	8	4	3	3	3				80
	Cholera			1							2		1		1		1								7
	Plague				2	1	1	1	12	26	38	55	44	44	29	19	18	19	5	14	328				
	All other diseases classed under Section A of General Diseases					1			1			2		3			2			1	10				
	B. Leprosy												1	1		2	1			1	6				
	Dropsy																		1		1				
	All other diseases classed under Section B of General Diseases		2	1							5	9	10	12	9	6	8	4	4	1	71				
LOCAL DISEASES.	Diseases of the Nervous system	5	6	1	2	1			1	1		2	2	2	2	2	5	5	2	1	50				
	Diseases of the Eye, Ear, and Nose																								
	Diseases of the Circulatory system										1	2	2	1	4	2	1	2	1	4	20				
	Diseases of the Absorbent system and ductless glands																								
	Diseases of the Respiratory system	4	8	9	4				1	3		4	1	5	4	10	5	4	3	13	79				
	Diseases of the Digestive system. Diarrhœa		5	1	2	3	1		3			1			2		1	1	3	6	29				
	Diseases of the Digestive system. Dysentery			1	1					2	1		1	1	2	1		1		2	13				
	Diseases of the Digestive system. All other diseases registered under Digestive system	3	8	1							2	2	4	4	2	1	3	2	2	35				
	Diseases of the Urinary system											1	2		2	1	1			2	9				
	Diseases of the Generative system																								
	Diseases of the Organs of Locomotion and Cellular Tissue										1								3		4				
	Diseases of the Cutaneous system			1													1			2	4				
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	3																			3				
	Old Age																		1	14	16				
	Debility	12	6	1													1				20				
Accident and Violence.	Poisons												1	1							2				
	General Injuries	1							1	1							1		1	1	6				
	Local Injuries										1			1	1	1					4				
	Drowning									1			1		1						3				
Unspecified Causes		1	1													1					4				
All Causes exclusive of Still-born		28	38	28	15	10	4	1	23	40	57	86	79	80	66	52	67	49	26	79	818				
Cholera, Small-pox, Measles and Plague				2	2	1	1	1	12	28	49	58	45	44	30	19	19	13	5	15	339				
All other Causes		28	38	26	13	9	3		11	12	17	30	34	36	36	33	48	36	21	64	479				

CHRISTIANS during the Year beginning 1st January 1898.

| FEMALES. | | | | | | | | | | | | | | | | | | | | PERSONS. | | | | | | | | | | | | | | | | | | |

XI.

CAUSES of DEATHS at different Ages amongst EURASIANS

MALES.

		Days.	Months.	YEARS.															All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	Small-pox																				
	Measles																				
	A — Fever. Enteric									1		1									2
	A — Fever. Simple continued																				
	A — Fever. Ague																				
	A — Fever. Remittent				2		1		2	1	3	1					1				11
	A — Cholera																				
	A — Plague				1				2	6		3	2	1	1			1		1	17
	A — All other diseases classed under Section A of General Diseases																1				1
	B — Leprosy																				
	B — Dropsy																				
	B — All other diseases classed under Section B of General Diseases			1	1				1			3	1	1	1	1		1		1	13
LOCAL DISEASES.	Diseases of the Nervous system	1	2	4					1	1				1			1			1	12
	Diseases of the Eye, Ear, and Nose																				
	Diseases of the Circulatory system			1											1		1		1		5
	Diseases of the Absorbent system and ductless glands																				
	Diseases of the Respiratory system	1	4	1						1									1		8
	Diseases of the Digestive system — Diarrhœa		2	1	1										1		1				7
	Diseases of the Digestive system — Dysentery													1							1
	Diseases of the Digestive system — All other diseases registered under Digestive system		2	2	1										1	1				1	8
	Diseases of the Urinary system					1			1												2
	Diseases of the Generative system																				
	Diseases of the Organs of Locomotion and Cellular Tissue																				
	Diseases of the Cutaneous system																				
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	3																			3
	Old Age																			1	1
	Debility	4	1																		5
Accident and Violence.	Poisons																1				1
	General Injuries																				
	Local Injuries												1		1					1	3
	Drowning																				1
Unspecified Causes																					
All Causes, exclusive of Still-born		9	11	9	7	1	1		5	9	9	6	6	4	6	3	5	2	3	8	101
Cholera, Small-pox, Measles and Plague					1					2	6		3	2	1	1			1		17
All other Causes		9	11	9	6	1	1		5	7	3	6	3	2	5	2	5	2	3	7	84

I.

during the Year beginning 1st January 1898.

FEMALES.																				PERSONS.																					
Days.	Months.	YEARS.																All Ages.	Days.	Months.	YEARS.																All Ages.		
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over			
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Small-pox ... ...
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	Measles ... ...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	2	Fever. Enteric ... ...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Fever. Simple continued ... ...
..	..	2	..	..	..	..	1	1	1	..	..	..	..	..	..	2	1	8	..	..	2	2	..	1	..	3	2	4	1	..	..	..	..	1	2	1	10	Fever. Ague ... ... A
..	..	..	..	1	..	..	..	2	..	2	2	2	..	2	1	2	..	1	15	..	..	1	1	..	..	4	6	2	5	4	1	3	1	2	..	2	32	Fever. Remittent ... ...
..	..	..	..	1	..	..	..	..	..	2	..	..	1	..	..	..	..	4	..	..	..	..	1	..	..	..	..	2	..	..	1	..	1	..	..	..	..	5	Cholera ... ...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Plague ... ...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	All other diseases classed under Section A of General Diseases ...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Leprosy ... ... B
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Dropsy ... ... B
..	..	..	1	..	..	..	1	2	1	4	..	1	1	..	2	..	1	1	15	..	..	1	2	..	..	..	2	2	1	7	1	2	2	1	3	..	2	2	28	All other diseases classed under Section B of General Diseases ... B
1	1	2	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	6	2	3	6	..	1	..	..	1	1	..	..	1	..	1	..	..	1	..	1	18	Diseases of the Nervous system ...
..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	2	1	1	1	..	..	..	..	1	..	..	..	..	..	..	1	1	3	1	2	2	12	Diseases of the Eye, Ear, and Nose ..
1	2	2	1	..	..	..	1	..	..	..	..	..	1	1	..	1	..	3	13	2	3	3	1	..	..	..	1	..	..	..	..	1	1	..	1	3	21	Diseases of the Circulatory system ..
..	1	2	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	2	8	..	3	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Diseases of the Absorbent system and ductless glands ... ...
..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	2	2	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	3	15	Diseases of the Respiratory system ..
..	..	..	2	..	..	..	..	..	..	..	..	1	..	1	..	..	..	4	..	3	2	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	2	12	Diseases of the Digestive system. Diarrhœa ...
..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	Diseases of the Digestive system. Dysentery ...
..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	2	..	..	..	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..	3	Diseases of the Digestive system. All other diseases registered under Digestive system.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Diseases of the Urinary system ...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Diseases of the Generative system ..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Diseases of the Organs of Locomotion and Cellular tissue ....
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Diseases of the Cutaneous system ..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	Premature Birth .. .. Conditions not necessarily associated with General or Local Diseases.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	5	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	6	Old Age ....
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	4	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	Debility ....
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	Poisons .... Accident Violence.
..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	General Injuries .... Accident Violence.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	3	Local Injuries .... Accident Violence.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	Drowning .... Accident Violence.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Unspecified Causes.
3	5	8	5	3	2	..	4	5	2	9	6	3	6	5	6	4	4	15	95	12	16	17	12	4	3	..	9	11	11	15	12	7	12	8	11	6	7	23	196	All causes, exclusive of Still-born.
..	..	..	1	1	..	..	..	2	..	2	2	2	..	2	1	2	..	1	16	..	..	..	2	1	..	..	..	4	6	2	5	4	1	3	1	2	..	2	33	Cholera, Small-pox, Measles and Plague.
3	5	8	4	3	2	..	4	3	2	7	4	1	6	3	5	2	4	14	79	12	16	17	10	3	3	..	9	7	5	13	7	3	11	5	10	4	7	21	163	All other Causes.

GENERAL DISEASES.

LOCAL DISEASES.

CAUSES of DEATHS at different Ages amongst EUROPEANS

MALES.

		Days.	Months.	YEARS.															All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Measles	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Fever. Enteric	..	..	..	..	..	..	..	..	1	3	..	2	1	..	..	..	..	..	..	7
	A Fever. Simple continued	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Fever. Ague	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
	A Fever. Remittent	..	1	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	4
	A Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Plague	..	..	..	..	..	1	..	..	2	2	2	..	1	1	..	..	..	..	..	9
	A All other diseases classed under Section A of General Diseases	..	..	..	1	..	..	..	..	..	..	..	1	1	..	..	1	..	..	..	4
	B Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
	B All other diseases classed under Section B of General Diseases	..	1	1	1	..	1	..	..	1	3	3	1	2	1	1	..	..	1	..	17
LOCAL DISEASES.	Diseases of the Nervous system	1	1	2	1	1	1	..	..	..	1	3	..	3	..	..	..	..	..	1	15
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	..	1	..	..	2	..	1	1	..	..	5
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	1	1	..	..	..	..	..	..	..	1	1	1	1	2	..	..	..	..	..	8
	Diseases of the Digestive system. Diarrhœa	..	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	5
	Diseases of the Digestive system. Dysentery	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	3
	Diseases of the Digestive system. All other diseases registered under Digestive system	..	2	2	2	1	..	..	..	..	..	7	2	1	1	2	..	3	1	3	27
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	1	..	1	1	6
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Debility	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	1	..	1	1	1	..	..	..	1	5
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
	Local Injuries	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	1	3
	Drowning	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	1	..	..	3
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
All Causes, exclusive of Still-born		3	9	6	4	3	2	1	..	1	5	16	21	10	11	12	4	7	5	10	121
Cholera, Small-pox, Measles and Plague		..	..	..	..	..	..	1	..	..	..	2	2	2	..	1	1	..	..	..	9
All other Causes		3	9	6	4	3	1	1	..	1	3	13	19	10	10	11	4	7	5	10	120

II.

during the Year beginning 1st January 1898.

| FEMALES. | | |

X

CAUSES of DEATHS at different Ages amongst NEGRO

MALES.

		Days.	Months.	YEARS.																All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 & over	
GENERAL DISEASES.	A Fever. Small-pox																			
	A Fever. Measles																			
	A Fever. Enteric																			
	A Fever. Simple continued																			
	A Fever. Ague																			
	A Fever. Remittent											1		4				1		6
	A Cholera																			
	A Plague											1		1		1				3
	A All other diseases classed under Section A of General Diseases																			
	B Leprosy																			
	B Dropsy																			
	B All other diseases classed under Section B of General Diseases										2	1	5	9		7	2			26
LOCAL DISEASES.	Diseases of the Nervous system	2																		2
	Diseases of the Eye, Ear, and Nose																			
	Diseases of the Circulatory system												1							1
	Diseases of the Absorbent system and ductless glands																			
	Diseases of the Respiratory system		2													1			5	8
	Diseases of the Digestive System. Diarrhœa													1						1
	Diseases of the Digestive System. Dysentery												1	1				1		3
	Diseases of the Digestive System. All other diseases registered under Digestive system																			
	Diseases of the Urinary system																			
	Diseases of the Generative system																			
	Diseases of the Organs of Locomotion and Cellular Tissue																			
	Diseases of the Cutaneous system																			
Conditions not necessarily associated with General or Local Diseases.	Premature Birth																			
	Old Age																			
	Debility																			
Accident and Violence.	Poisons																			
	General Injuries																			
	Local Injuries																			
	Drowning														1					1
Unspecified Causes													1							1
All Causes, exclusive of Still-born		2	2								2	3	8	16	1	9	2	2		53
Cholera, Small-pox, Measles and Plague												1		1		1				3
All other Causes		2	2								2	2	8	15	1	8	2	2	5	49

IV.

AFRICANS during the Year beginning 1st January 1898.

FEMALES.																				PERSONS.																			
Days.	Months.	YEARS.																All Ages.	Days.	Months.	YEARS.																All Ages.	
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 & over		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 & over	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

XV

CAUSES of DEATHS at different Ages amongst CHINESE

MALES.

		Days.	Months.	YEARS.																All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A. Fever: Small-pox																			..
	Measles																			..
	Enteric																			..
	Simple continued																			..
	Ague																			..
	Remittent																			..
	Cholera																			..
	Plague																			..
	All other diseases classed under Section A of General Diseases																			..
	B: Leprosy																			..
	Dropsy																			..
	All other diseases classed under Section B of General Diseases																			..
LOCAL DISEASES.	Diseases of the Nervous system																			..
	Diseases of the Eye, Ear, and Nose																			..
	Diseases of the Circulatory system																			..
	Diseases of the Absorbent system and ductless glands																			..
	Diseases of the Respiratory system									1		1							3	5
	Diseases of the Digestive system: Diarrhœa																			..
	Dysentery											2			1					3
	All other diseases registered under Digestive system			1																1
	Diseases of the Urinary system																			..
	Diseases of the Generative system																			..
	Diseases of the Organs of Locomotion and Cellular Tissue																			..
	Diseases of the Cutaneous system																			..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth																			..
	Old Age																		1	1
	Debility																			..
Accident and Violence.	Poisons																			..
	General Injuries																			..
	Local Injuries																			..
	Drowning																			..
Unspecified Causes																				..
All Causes, exclusive of Still-born				1					1		2			1				1	3	10
Cholera, Small-pox, Measles and Plague																				..
All other Causes				1					1		2			1				1	3	10

during the Year beginning 1st January 1898.

FEMALES.																							PERSONS.																						
Days.	Months.	YEARS.																	All Ages.	Days.	Months.	YEARS.																			All Ages.	
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over			
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..

CAUSES of DEATHS at different Ages amongst OTHER and

			MALES.																				
			Days.	Months.	YEARS.																		All Ages.
			1 to 20	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		
GENERAL DISEASES.	A	Small-pox																					
		Measles																					
		Fever: Enteric																					
		Fever: Simple continued																					
		Fever: Ague																					
		Fever: Remittent																					
		Cholera																					
		Plague												1	1		1						3
		All other diseases classed under Section A of General Diseases																					
	B	Leprosy																					
	B	Dropsy																					
	B	All other diseases classed under Section B of General Diseases																					
LOCAL DISEASES.		Diseases of the Nervous system																					
		Diseases of the Eye, Ear, and Nose																					
		Diseases of the Circulatory system																					
		Diseases of the Absorbent system and ductless glands																					
		Diseases of the Respiratory system																					5
		Diseases of the Digestive system: Diarrhœa																					
		Diseases of the Digestive system: Dysentery																					
		Diseases of the Digestive system: All other diseases registered under Digestive system																	1				1
		Diseases of the Urinary system																					
		Diseases of the Generative system																					
		Diseases of the Organs of Locomotion and Cellular Tissue																					
		Diseases of the Cutaneous system																					
Conditions not necessarily associated with General or Local Diseases.		Premature Birth																					
		Old Age																					
		Debility																					
Accident and Violence.		Poisons																					
		General Injuries																					
		Local Injuries																					
		Drowning																					
Unspecified Causes																				1			1
All Causes, exclusive of Still-born													1	1		1			1	1			5
Cholera, Small-pox, Measles and Plague													1	1		1							3
All other Causes																			1	1			2

VI.

UNKNOWN CASTES during the Year beginning 1st January 1898.

| FEMALES. | | |

CAUSES of DEATHS at different Ages amongst

MALES.

Days. Months. Years.

All Ages.

GENERAL DISEASES.

LOCAL DISEASES.

ACCIDENTS and VIOLENCE.

ALL RACES and CASTES during the Year beginning 1st January 1806.

FEMALES.

PERSONS.

Days. Months. Years.

All Ages.

GENERAL DISEASES.

LOCAL DISEASES.

ACCIDENTS and VIOLENCE.

XV

DEATHS from different CAUSES in different Months

CAUSES OF DEATH.	MALES. 1st Quarter. January.	February.	March.	Total.	2nd Quarter. April.	May.	June.	Total.	3rd Quarter. July.	August.	September.	Total.	4th Quarter. October.	November.	December.	Total.	1st Quarter. January.	February.	March.	Total.
General Diseases. Small-pox	4	1	13	18	24	2	4	30	4	1	3	8	2	2	2	6	10	12	11	33
Measles	76	121	93	290	57	13	4	74	1	1	1	3	4	2	10	16	126	81	80	287
Enteric	4	4	4	12	1	1	1	3	1	1	1	3	1	1	1	3	11	6	6	23
Erysipelas continued	15	5	11	31	15	1	1	17	1	1	1	3	1	1	1	3	10	10	14	34
Ague	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3
Remittent	134	106	103	343	103	103	103	309	103	103	103	309	103	103	103	309	134	106	103	343
Cholera	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3
Plague	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3
All other diseases classed under Section A of General Diseases	2060	2052	2253	6365	1472	361	207	1840	191	304	603	1098	864	173	246	1283	1097	834	1161	3092
Leprosy	64	58	79	146	93	79	97	269	82	87	85	254	60	49	48	157	61	62	63	186
Scurvy	4	3	4	11	4	3	4	11	4	3	4	11	4	3	4	11	4	3	4	11
All other diseases classed under section B of General Diseases	11	9	11	31	10	8	8	26	8	8	8	24	7	7	7	21	11	9	10	30
Local Diseases. Diseases of the Nervous system	870	814	883	2567	796	215	174	1185	206	270	249	725	251	226	266	743	870	809	806	2485
Diseases of the Eye, Ear and Nose	866	824	864	2554	1286	96	92	1474	201	213	225	639	233	136	88	457	1305	306	131	1742
Diseases of the Circulatory system	1	1	...	2	1	...	...	1	...	...	...	...	...	...	1	1	1	...	...	2
Diseases of the Absorbent system and ductless glands	35	40	33	108	58	19	19	96	17	14	11	42	17	11	11	39	19	13	6	38
Diseases of the Respiratory system	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diseases of the Digestive system. Diarrhœa	878	834	847	2559	1292	301	916	2509	213	320	255	788	347	195	368	910	1190	455	534	2179
Dysentery	95	39	155	289	74	69	49	192	61	51	31	143	48	34	103	185	143	90	187	420
All other diseases registered under Digestive system	328	342	155	825	83	421	38	542	80	161	78	319	66	44	80	190	99	85	84	268
Diseases of the Urinary system	99	97	102	298	47	63	35	145	43	59	61	163	34	15	45	161	65	32	47	144
Diseases of the Generative system	13	11	26	44	10	7	8	25	6	6	7	19	11	11	10	32	9	9	9	27
Diseases of the Organs of Locomotion and Cellular Tissue	1	2	6	9	1	1	2	4	2	2	4	8	1	1	6	8	10	24	63	97
Diseases of the Cutaneous system	10	8	19	37	8	4	10	22	6	4	20	30	7	7	17	31	4	7	6	17
Conditions not necessarily associated with General or Local Diseases. Still-born	6	11	6	23	5	3	3	11	2	3	3	8	3	3	3	9	5	3	6	14
Premature Birth	65	61	66	192	43	20	60	123	50	69	101	220	93	134	77	304	42	33	41	116
Old Age	24	19	64	107	33	7	8	48	11	4	11	26	10	6	7	23	8	7	15	30
Debility	117	71	109	297	73	63	63	199	84	134	65	283	149	58	96	303	80	59	69	208
Accident or Violence. Poisons	2	2	6	10	1	1	1	3	1	1	1	3	1	1	1	3	3	1	2	6
General Injuries	16	28	18	62	14	3	3	20	3	3	3	9	3	3	3	9	16	28	18	62
Local Injuries	36	7	24	67	18	10	11	39	11	8	8	27	8	8	8	24	36	7	24	67
Drowning	4	5	7	16	4	2	2	8	2	2	2	6	2	2	2	6	4	5	7	16
Unspecified Causes	4	5	7	16	4	2	2	8	2	2	2	6	2	2	2	6	4	5	7	16
Total	4180	3986	4329	12495	5357	1636	1176	8169	1325	1654	1623	4602	2139	1436	2147	5722	3001	1685	2126	6812
All Causes, exclusive of Still-born	4180	3958	4268	12406	5357	1636	1176	8169	1325	1654	1623	4602	2139	1436	2147	5722	3001	1685	2126	6812
Cholera, Small-pox, Measles and Plague	2094	2014	2237	6345	1478	377	230	2085	203	309	704	1216	1005	307	1495	2807	1107	1464	1251	3822
All other Causes	2086	1944	2031	6061	3879	1259	946	6084	1122	1345	919	3386	1134	1129	652	2915	1894	221	875	2990

	MALES. 1st Quarter. January.	February.	March.	Total.	2nd Quarter. April.	May.	June.	Total.	3rd Quarter. July.	August.	September.	Total.	4th Quarter. October.	November.	December.	Total.	1st Quarter. January.	February.	March.	Total.

III.

arranged in Quarters for the Year beginning 1st January 1898.

FEMALES. 4th Quarter. April.	May.	June.	Total.	2nd Quarter. July.	August.	September.	Total.	3rd Quarter. October.	November.	December.	Total.	4th Quarter. January.	February.	March.	Total.	PERSONS. 1st Quarter. April.	May.	June.	Total.	2nd Quarter. July.	August.	September.	Total.	3rd Quarter. October.	November.	December.	Total.	4th Quarter. January.	February.	March.	Total.	CAUSES OF DEATH.	
1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	5	5	5	15	5	5	5	15	5	5	5	15	5	5	5	15	Small-pox	General Diseases.
32	32	32	96	32	32	32	96	32	32	32	96	32	32	32	96	108	113	125	346	89	45	37	171	36	37	38	111	36	37	38	111	Measles	
3	3	3	9	3	3	3	9	3	3	3	9	3	3	3	9	15	15	15	45	15	15	15	45	15	15	15	45	15	15	15	45	Enteric	
3	3	3	9	3	3	3	9	3	3	3	9	3	3	3	9	15	15	15	45	15	15	15	45	15	15	15	45	15	15	15	45	Erysipelas continued	
1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	3	3	3	9	3	3	3	9	3	3	3	9	3	3	3	9	Ague	
121	106	109	336	103	103	103	309	103	103	103	309	103	103	103	309	255	212	212	679	206	206	206	618	206	206	206	618	206	206	206	618	Remittent	
1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	3	3	3	9	3	3	3	9	3	3	3	9	3	3	3	9	Cholera	
1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	3	3	3	9	3	3	3	9	3	3	3	9	3	3	3	9	Plague	
2053	2102	2253	6408	1472	361	207	2040	191	304	603	1098	864	173	246	1283	3150	2936	3414	9500	2945	1833	1300	6078	1055	1465	1851	4371	1861	1007	2307	5175	All other diseases classed under Section A of General Diseases	
50	52	54	156	93	79	97	269	82	87	85	254	60	49	48	157	111	114	133	358	175	172	176	523	164	136	136	436	121	111	102	334	Leprosy	A
11	9	11	31	10	8	8	26	8	8	8	24	7	7	7	21	22	18	21	61	18	16	16	50	15	15	15	45	18	16	17	51	Scurvy	
11	9	11	31	10	8	8	26	8	8	8	24	7	7	7	21	22	18	21	61	18	16	16	50	15	15	15	45	18	16	17	51	All other diseases classed under section B of General Diseases	
845	884	858	2587	859	215	174	1248	206	270	249	725	251	226	266	743	1715	1693	1664	5072	1665	1045	1044	3754	1041	1035	1097	3173	1121	1035	1073	3229	Diseases of the Nervous system	
1305	1324	1264	3893	1286	96	92	1474	201	213	225	639	233	136	88	457	2175	1630	1352	5157	1487	309	180	1976	434	349	276	1059	1305	306	131	1742	Diseases of the Eye, Ear and Nose	
1	1	...	2	1	...	...	1	...	...	...	...	...	...	1	1	2	2	1	5	2	...	...	2	...	...	...	...	1	...	...	1	Diseases of the Circulatory system	
36	40	33	109	58	19	19	96	17	14	11	42	17	11	11	39	55	53	52	160	75	33	25	133	34	25	22	81	36	24	17	77	Diseases of the Absorbent system and ductless glands	
1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	Diseases of the Respiratory system	
1372	1273	1360	4005	1292	301	916	2509	213	320	255	788	347	195	368	910	3062	2727	2773	8562	2957	1134	1172	5263	1255	1184	1473	3912	1537	1240	1441	4218	Diseases of the Digestive system. Diarrhœa	
63	47	55	165	74	69	49	192	61	51	31	143	48	34	103	185	205	137	242	584	217	159	229	605	109	85	134	328	191	124	293	608	Dysentery	
87	84	37	208	83	421	38	542	80	161	78	319	66	44	80	190	182	185	75	442	182	582	76	840	80	205	84	369	179	129	256	564	All other diseases registered under Digestive system	
99	97	102	298	47	63	35	145	43	59	61	163	34	15	45	161	164	160	149	473	90	122	97	309	77	91	73	241	88	75	84	247	Diseases of the Urinary system	
13	11	26	50	10	7	8	25	6	6	7	19	11	11	10	32	22	20	34	76	16	13	15	44	17	17	17	51	20	18	16	54	Diseases of the Generative system	
1	2	6	9	1	1	2	4	2	2	4	8	1	1	6	8	11	26	69	106	6	5	8	19	3	3	9	15	11	25	69	105	Diseases of the Organs of Locomotion and Cellular Tissue	
10	8	19	37	8	4	10	22	6	4	20	30	7	7	17	31	14	15	36	65	12	8	30	50	13	11	23	47	14	14	23	51	Diseases of the Cutaneous system	
6	11	6	23	5	3	3	11	2	3	3	8	3	3	3	9	11	14	9	34	7	6	6	19	5	6	6	17	8	8	9	25	Still-born	Conditions not necessarily associated with General or Local Diseases.
107	81	107	295	93	134	77	304	42	33	41	116	33	25	34	92	149	114	148	411	143	167	118	428	135	167	150	452	157	150	154	461	Premature Birth	
32	26	79	137	33	7	8	48	11	4	11	26	10	6	7	23	40	33	79	152	41	11	8	60	21	10	14	45	18	13	22	53	Old Age	
197	134	172	503	73	63	63	199	84	134	65	283	149	58	96	303	314	205	281	800	153	126	126	405	149	192	161	502	229	129	265	623	Debility	
2	2	2	6	1	1	1	3	1	1	1	3	1	1	1	3	5	3	8	16	2	2	2	6	2	2	2	6	4	2	3	9	Poisons	Accident or Violence.
16	28	18	62	14	3	3	20	3	3	3	9	3	3	3	9	32	56	36	124	28	6	6	40	6	6	6	18	19	31	21	71	General Injuries	
36	7	24	67	18	10	11	39	11	8	8	27	8	8	8	24	72	14	48	134	36	20	22	78	22	16	16	54	44	15	32	91	Local Injuries	
4	5	7	16	4	2	2	8	2	2	2	6	2	2	2	6	8	10	14	32	8	4	4	16	4	4	4	12	8	7	9	24	Drowning	
4	5	7	16	4	2	2	8	2	2	2	6	2	2	2	6	8	10	14	32	8	4	4	16	4	4	4	12	8	7	9	24	Unspecified Causes	
5357	5357	5357	16071	5357	1636	1176	8169	1325	1654	1623	4602	2139	1436	2147	5722	13858	12343	13483	39684	13358	8169	7798	29325	7464	7775	8473	23712	10459	8778	9609	28846	Total.	
5357	5357	5357	16071	5357	1636	1176	8169	1325	1654	1623	4602	2139	1436	2147	5722	13858	12343	13483	39684	13358	8169	7798	29325	7464	7775	8473	23712	10459	8778	9609	28846	All Causes, exclusive of Still-born.	
2053	2102	2253	6408	1478	377	230	2085	203	309	704	1216	1005	307	1495	2807	5203	5038	5467	15708	3423	1509	1534	6466	1258	1772	2355	5385	2112	1314	2497	5923	Cholera, Small-pox, Measles and Plague.	
3304	3255	3104	9663	3879	1259	946	6084	1122	1345	919	3386	1134	1129	652	2915	8655	7305	8016	23976	9935	6660	6264	22859	6206	6003	6118	18327	8347	7464	7112	22923	All other Causes.	
FEMALES.																	PERSONS.																

X

NUMBER and PROPORTION of DEATHS from different CAUSES

CAUSES OF DEATHS.	QUARTER, 1st.						QUARTER, 2nd.					
	MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
GENERAL DISEASES. A. Small-pox	14	·09	8	·06	22	·08	5	·04	20	·21	25	·09
Measles	27	·18	68	·50	125	·60	33	·27	41	·43	74	·34
Enteric	13	·07	1	·01	31	·05	2	·02	9	·07	6	·02
Simple continued	18	·05	24	·18	79	·30	33	·27	41	·30	74	·27
Ague	22	·15	16	·17	38	·15	9	·07	16	·17	25	·09
Scarlatina	609	4·08	419	4·42	1027	4·21	492	3·70	363	3·78	855	3·74
Cholera	17	·12	9	·10	26	·11	19	·14	10	·10	29	·13
Plague	6363	38·09	4510	46·58	12893	40·92	1066	13·39	957	12·04	2043	12·75
All other diseases classed under Section A of General Diseases	166	1·11	171	1·80	337	1·38	82	1·14	86	1·10	168	1·05
B. Leprosy	10	·07	12	·13	22	·09	4	·07	2	·04	6	·04
Dropsy	60	·20	10	·26	40	·17	21	·03	19	·42	40	·25
All other diseases classed under Section B of General Diseases	1316	9·63	1257	12·74	2573	10·35	885	12·11	576	18·85	1230	14·20
LOCAL DISEASES. Diseases of the Nervous system	470	3·21	338	3·18	837	3·42	205	2·49	243	3·20	448	2·77
Diseases of the Eye, Ear and Nose	1	·01	1	·01	2	·01	1	·02	1	·02	2	·02
Diseases of the Circulatory system	98	·68	36	·38	134	·55	84	·96	19	·42	73	·73
Diseases of the Absorbent system and ductless glands	1	·01	1	·01	2	·01	..	..	..	..	..	..
Diseases of the Respiratory system	1702	11·55	1469	15·40	3231	13·21	915	10·18	845	18·58	1760	12·75
Diseases of the Digestive system. Diarrhœa	252	2·10	228	2·45	524	2·27	198	2·34	184	4·04	382	2·74
Dysentery	403	2·70	258	2·71	661	2·71	156	1·74	118	2·61	274	1·96
All other diseases registered under Digestive system	389	1·96	179	1·87	468	1·92	144	2·55	97	2·14	241	2·30
Diseases of the Urinary system	44	·32	27	·28	71	·29	25	·44	14	·31	39	0·28
Diseases of the Generative system	2	·02	245	2·55	252	1·03	3	·03	134	2·73	137	1·24
Diseases of the Organs of Locomotion and Cellular Tissue	33	·21	13	·16	47	·19	21	·27	13	·24	33	0·22
Diseases of the Cutaneous system	15	·11	11	·12	27	·11	8	·14	8	·18	16	0·10
Conditions not necessarily associated with General or Local Diseases. Still-born	177	1·19	129	1·47	316	1·30	179	3·17	125	2·76	304	2·98
Premature Birth	8	·06	8	·08	16	·06	1	·02	6	·13	8	0·08
Old Age	140	·98	98	1·13	238	·98	67	1·18	120	2·65	203	1·99
Debility	216	1·68	217	2·75	418	2·10	201	3·56	203	4·47	404	3·96
Accident & Violence. Poisons	10	·07	6	·08	16	·07	12	·22	5	·10	17	0·17
General Injuries	42	·28	57	·69	99	·42	27	·48	8	·18	35	0·34
Local Injuries	31	·24	10	·13	41	·23	34	·60	6	·13	40	0·39
Drowning	17	·11	8	·08	25	·10	12	·23	11	·23	23	0·26
Unspecified Causes	18	·13	7	·07	26	·10	14	·26	5	·10	19	0·19
Total	14913	100·00	9427	100·00	24388	100·00	5633	100·00	4624	100·00	10257	100·00
Children, Small-pox, Measles and Plague	8475	57·33	4715	44·05	13580	55·69	1948	33·48	1016	21·94	2964	28·86
All other Causes	6293	42·48	5351	56·95	11644	47·75	3585	66·52	3609	78·06	7293	71·12
All Causes, exclusive of Still-born	14736	100·00	9316	100·00	24052	100·00	5454	100·00	4625	100·00	9980	100·00

	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
	MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.	
	QUARTER, 1st.						QUARTER, 2nd.					

IX.

in different QUARTERS for the Year beginning 1st January 1898.

QUARTER, 3rd.						QUARTER, 4th.						YEAR ENDING 31st DECEMBER, 1898.						CAUSES OF DEATHS.
MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.		
No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	
5	·06	5	0·13	8	0·08	5	0·09	2	0·06	7	0·07	30	0·09	25	0·11	55	0·10	Small-pox.
5	0·11	2	0·07	16	0·16	20	0·36	20	0·60	40	0·42	138	0·37	118	0·62	256	0·46	Measles
1	0·13	1	0·13	10	0·12	4	0·07	8	0·26	12	0·10	28	0·08	12	0·05	37	0·07	Enteric
37	0·37	32	0·62	69	0·83	23	0·37	23	0·53	54	0·38	129	0·34	102	0·39	231	0·36	Simple continued
6	0·11	5	0·13	11	0·12	12	0·24	4	0·23	16	0·12	36	0·15	28	0·21	64	0·17	Ague
557	10·52	213	8·17	770	9·31	403	10·74	258	8·06	661	10·02	2265	7·13	1484	6·14	3749	6·94	Scarlatina
24	0·41	5	0·14	29	0·22	3	0·16	3	0·09	6	0·13	80	0·18	54	0·11	134	0·19	Cholera
1152	21·51	370	0·77	1522	18·24	1097	19·48	326	7·97	1423	14·73	12801	39·23	5076	13·90	17185	32·97	Plague
129	2·39	85	3·19	214	0·91	126	2·13	114	2·68	240	2·31	854	2·75	488	2·08	1342	2·49	All other diseases classed under Section A of General Diseases
5	0·21	2	0·05	8	0·19	12	0·21	3	0·17	15	0·16	32	0·10	19	0·02	51	0·10	Leprosy
18	0·29	14	0·36	30	0·32	16	0·32	10	0·30	26	0·31	85	0·27	81	0·37	165	0·31	Dropsy
714	13·13	782	20·41	1508	16·16	763	14·06	902	20·10	1665	16·58	3508	11·03	3628	16·60	7144	13·35	All other diseases classed under Section B of General Diseases
242	4·13	228	5·75	550	5·97	850	0·39	276	6·22	626	6·61	1427	4·67	1100	5·07	2077	4·61	Diseases of the Nervous system
1	0·02	3	0·08	4	0·04	1	0·02	1	0·03	2	0·02	3	0·02	5	0·02	11	0·02	Diseases of the Eye, Ear and Nose
69	0·32	27	0·67	52	0·57	68	0·64	24	0·60	79	0·62	257	0·82	103	0·44	345	0·67	Diseases of the Circulatory system
..	..	..	..	..	..	..	..	..	..	..	..	1	0·00	1	0·00	2	0·00	Diseases of the Absorbent system and ductless glands
804	16·30	734	18·41	1532	17·03	1691	17·88	772	19·37	1460	18·51	4999	14·42	3511	15·80	8423	16·74	Diseases of the Respiratory system
298	4·34	210	5·24	497	5·53	372	3·71	148	3·14	337	3·13	1049	3·14	640	2·45	1640	3·26	Diarrhœa
315	2·93	337	2·12	652	2·75	251	2·25	136	2·89	298	2·30	957	2·82	628	2·87	1585	2·75	Dysentery
109	2·11	89	2·23	198	2·27	101	2·80	89	2·23	230	2·69	745	2·42	457	2·05	1217	2·27	All other diseases registered under Digestive system
21	0·39	13	0·34	34	0·38	39	0·47	15	0·38	53	0·61	136	0·40	89	0·32	187	0·49	Diseases of the Urinary system
13	0·18	154	4·02	166	1·78	3	0·03	157	3·92	160	1·66	25	0·05	677	3·10	702	1·22	Diseases of the Generative system
24	0·44	16	0·42	40	0·43	17	0·20	9	0·23	26	0·27	94	0·30	59	0·24	146	0·27	Diseases of the Organs of Locomotion and Cellular Tissue
7	0·13	3	0·08	10	0·11	6	0·11	6	0·15	13	0·13	27	0·07	27	0·12	64	0·12	Diseases of the Cutaneous system
285	5·14	203	5·31	488	5·34	274	4·87	187	4·69	461	4·79	916	2·80	654	2·99	1569	2·93	Still-born
3	0·05	3	0·08	6	0·05	6	0·15	5	0·13	11	0·07	31	0·07	17	0·08	48	0·07	Premature Birth
110	2·03	144	3·91	254	2·78	118	2·10	125	4·31	291	3·07	441	1·30	683	3·13	1124	2·10	Old Age
283	0·31	258	6·39	538	5·89	257	0·57	264	0·67	521	5·33	1077	3·03	983	4·20	2060	3·75	Debility
12	0·22	2	0·05	14	0·15	13	0·23	5	0·12	18	0·13	47	0·14	23	0·08	65	0·12	Poisons
20	0·35	9	0·23	29	0·32	17	0·27	10	0·24	27	0·14	105	0·15	34	0·25	139	0·27	General Injuries
21	0·37	3	0·06	24	0·26	24	0·42	14	0·34	40	0·42	140	0·41	34	0·16	174	0·33	Local Injuries
20	0·48	14	0·28	37	0·40	12	0·29	11	0·23	23	0·24	83	0·28	43	0·18	124	0·23	Drowning
6	0·11	2	0·05	8	0·09	3	0·14	..	..	3	0·03	18	0·04	14	0·06	32	0·12	Unspecified Causes
5436	100·00	3807	100·00	9243	100·00	3497	100·00	2350	100·00	5847	100·00	21533	100·00	13810	100·00	35343	100·00	Total
2230	35·91	399	10·82	1629	17·67	1131	27·31	243	9·02	1374	18·09	22727	43·64	2469	41·64	18558	40·79	Children, Small-pox, Measles and Plague.
3811	77·03	3280	89·18	7091	84·33	2526	72·69	2460	90·48	5786	89·82	29849	68·66	23374	53·01	26543	64·21	All other Causes.
5161	100·00	3476	100·00	8529	100·00	3657	100·00	2703	100·00	6160	100·00	52716	100·00	21215	100·00	61901	100·00	All Causes, exclusive of Still-born.

	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	
	MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.		
	QUARTER, 3rd.						QUARTER, 4th.						YEAR ENDING 31st DECEMBER 1898.						

X

NUMBER AND PROPORTION OF DEATHS FROM EPIDEMIC AND FROM beginning 1st

CAUSES OF DEATHS.	QUARTER, 1ST.								QUARTER, 2ND.					
	January.		February.		March.		Quarter.		April.		May.		June.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
Small-pox	2	·07	4	·09	16	·32	22	·17	8	·36	7	1·26	3	1·71
Measles	34	1·14	36	·79	69	1·06	123	·98	41	1·84	16	2·89	19	10·86
Cholera	21	·70	17	·37	13	·20	50	·40	8	·36	8	1·44	3	1·71
Plague	2931	98·09	4493	98·75	4969	98·39	12393	98·45	2172	97·44	528	94·41	150	85·72
Epidemic Causes	2988	100·00	4550	100·00	5050	100·00	12588	100·00	2229	100·00	559	100·00	175	100·00
Fevers	295	7·95	379	10·26	481	11·60	1148	·10	940	11·83	343	13·29	277	16·19
Nervous system	274	7·38	285	7·80	278	6·71	837	7·20	314	7·46	122	7·66	162	8·80
Respiratory do.	1056	28·46	991	27·41	1171	28·24	3221	28·05	778	27·06	374	25·58	408	22·38
Diarrhœa	176	4·72	152	4·19	227	5·48	554	4·93	175	6·12	104	4·63	102	5·60
Dysentery	205	5·52	208	5·73	248	5·98	661	5·75	138	4·80	74	3·80	62	3·40
Other Causes not Epidemic	1706	45·97	1616	44·55	1741	41·99	5063	44·09	1220	42·75	977	43·54	812	44·54
All Causes except Epidemic	3711	100·00	3627	100·00	4146	100·00	11484	100·00	2875	100·00	2244	100·00	1823	100·00
Epidemic Causes	2988	44·60	4550	55·64	5050	54·92	12588	52·29	2229	43·67	551	19·80	175	8·76
All other Causes	3711	55·40	3627	44·36	4146	45·08	11484	47·71	2875	56·33	2244	80·20	1823	91·24
All Causes except Still-born	6699	100·00	8177	100·00	9196	100·00	24072	100·00	5104	100·00	2798	100·00	1998	100·00
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
	January.		February.		March.		Quarter.		April.		May.		June.	
	QUARTER, 1ST.								QUARTER, 2ND.					

X.

PRINCIPAL CAUSES by Months and Quarters for the Year January 1898.

Quarter.		QUARTER, 3RD. July.		August.		September.		Quarter.		QUARTER, 4TH. October.		November.		December.		Quarter		CAUSES OF DEATHS.
No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop	
18	·61	1	·36	4	·72	3	·40	8	·51	2	·27	1	·42	4	·61	7	·48	Small-pox.
76	2·57	3	1·10	6	1·08	6	·80	15	·95	8	1·02	14	5·96	18	3·63	40	2·71	Measles.
19	·64	12	4·38	3	·54	8	1·07	23	1·46	5	·67	3	1·28	4	·81	12	·81	Cholera.
2845	96·18	256	94·16	543	97·60	731	97·73	1530	97·08	728	97·98	217	92·34	470	94·75	1415	96·	Plague.
2958	100	274	100	556	100	748	100	1578	100	743	100	235	100	496	100	1474	100	Epidemic Causes.
260	19·63	257	12·72	209	11·78	304	14·61	950	13·10	347	12·56	327	14·29	382	14·25	1056	13·74	Fevers.
548	7·89	181	7·90	179	7·06	210	8·03	566	7·67	245	8·86	186	7·41	325	8·30	636	8·27	Nervous system.
1760	26·37	449	22·22	656	28·04	635	22·50	1642	23·05	615	22·18	530	23·63	657	24·61	1800	23·42	Respiratory do.
382	5·60	146	7·32	191	7·52	148	5·50	487	6·72	141	5·10	97	4·30	135	5·18	377	4·91	Diarrhœa.
274	3·85	76	3·76	143	5·63	133	4·94	352	4·85	98	3·55	71	3·17	129	4·81	298	3·81	Dysentery.
3018	49·48	910	46·3	1142	44·98	1192	44·33	3264	45·01	1320	47·76	1050	46·85	1149	42·86	3519	45·75	Other Causes not Epidemic.
6042	100·00	2021	100·00	2539	100·00	2691	100·00	7251	100·00	2764	100·00	2241	100·00	2681	100·00	7686	100·00	All Causes except Epidemic.
2958	29·58	274	11·94	556	17·95	748	21·78	1578	17·87	743	21·19	235	9·49	496	15·61	1474	16·01	Epidemic Causes.
6943	70·12	2021	88·06	2539	82·04	2691	78·23	7251	82·13	2764	78·81	2241	90·51	2681	84·39	7686	83·9	All other Causes.
9900	100·00	2295	100·00	3095	100·00	3439	100·00	8829	100·00	3507	100·00	2476	100·00	3177	100·00	9160	100·00	All Causes except Still-born.
No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No	Prop.	No.	Prop.	No.	Prop	
Quarter.		July.		August.		September.		Quarter.		October.		November		December.		Quarter.		
QUARTER, 3RD.										QUARTER, 4TH.								

PROPORTION of MALE to FEMALE DEATHS from different Causes in

			Quarter, 1st.			Quarter, 2nd.		
			Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.
General Diseases...	A	Small-pox	14	8	175·00	8	10	80·00
		Measles	57	66	86·36	85	41	85·36
		Fevers... Enteric	10	1	1000·00	3	3	100·00
		Fevers... Simple continued	78	34	111·76	33	41	80·48
		Fevers... Ague	32	16	137·50	9	16	56·25
		Fevers... Remittent	608	419	145·10	493	363	135·83
		Cholera	41	9	455·55	12	7	171·42
		Plague						
		All other diseases classed under Section A of General Diseases.	166	171	97·07	83	86	96·34
	B	Leprosy	10	12	83·33	4	2	200·00
		Dropsy	80	36	88·33	31	19	110·52
		All other diseases classed under Section B of General Diseases...	1,816	1,207	100·03	685	885	82·03
Local Diseases...		Diseases of the Nervous system	479	353	133·79	305	243	125·51
		" Eye, Ear, and Nose	2	1	200·00	1	1	100·00
		" Circulatory system	98	36	272·22	54	19	284·21
		" Absorbent system and Ductless Glands	1	1	100·00	...	...	...
		" Respiratory system	1,762	1,459	120·76	915	845	108·28
		Diseases of the Digestive system. Diarrhœa	822	282	158·79	198	184	107·60
		Diseases of the Digestive system. Dysentery	408	258	156·20	166	118	132·20
		Diseases of the Digestive system. All other diseases registered under Digestive system	291	177	164·40	144	97	148·45
		Diseases of the Urinary system	44	27	162·96	25	14	178·57
		" Generative system	9	242	3·71	3	124	2·41
		" Organs of Locomotion and Cellular Tissue						
		" Cutaneous system	83	15	213·33	21	12	175·00
			16	11	145·45	8	8	100·00
Conditions not necessarily associated with General or Local Disease.		Still-born	177	139	127·33	179	125	143·20
		Premature Birth	8	5	160·00	1	5	20·00
		Old Age	146	282	52·03	67	136	49·26
		Debility	206	217	126·40	201	203	99·01
Accident and Violence ...		Poisons	10	6	166·66	12	5	240·00
		General Injuries	53	27	196·29	37	8	337·50
		Local Injuries	51	10	510·00	31	6	566·66
		Drowning	17	8	172·50	15	11	136·63
Unspecified Causes			19	7	271·42	14	5	280·00
		Total	14,911	9,477	157·33	5,655	4,549	124·31
Cholera, Small-pox, Measles and Plague			8,475	4,113	206·05	1,943	1,015	192·42
All other Causes			6,259	5,225	119·78	3,733	3,409	108·63
All Causes, exclusive of Still-born			14,734	9,338	157·78	5,476	4,424	123·77

	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.
	Quarter, 1st.			Quarter, 2nd.		

I.

[illegible]ifferent Quarters of the Year beginning 1st January 189 .

Quarter, 3rd.			Quarter, 4th.			Year ending 31st December 1898.					
Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.			
3	5	60·00	5	2	250·00	30	25	120·00	Small-pox		General Diseases.
6	9	66·66	20	20	100·00	118	176	86·76	Measles		
8	2	400·00	4	6	66·66	25	12	208·33	Enteric	Fevers... A	
27	32	84·37	32	22	145·45	130	129	100·77	Simple continued		
6	5	120·00	19	9	211·11	56	46	121·73	Ague		
57	313	177·95	606	359	168·52	2,262	1,454	155·57	Remittent		
3	5	360·00	9	3	300·00	80	24	333·33	Cholera		
1,153	379	304·22	1097	318	344·96	12,501	5,684	219·93	Plague		
130	85	152·94	176	114	154·38	654	456	121·49	All other diseases classed under Section A of General Diseases.		
6	2	300·00	12	3	400·00	32	19	168·42	Leprosy	B	
16	14	114·28	18	12	150·00	85	81	104·93	Dropsy		
714	792	90·15	793	802	98·87	3,508	3,636	96·47	All other diseases classed under Section B of General Diseases.		
333	223	149·33	360	276	130·43	1,477	1,100	134·27	Diseases of the Nervous system		Local Diseases.
1	3	3·33	1	1	100·00	5	6	83·33	" Eye, Ear, and Nose		
50	22	227·27	55	24	229·16	257	101	254·45	" Circulatory system		
...	...	...	...	...	...	1	1	100·00	" Absorbent system and Ductless Glands		
908	784	123·70	1,007	793	126·98	4,592	3,831	119·86	" Respiratory system		
268	219	122·37	212	165	128·48	1,000	800	125·00	Diarrhœa	Diseases of the Digestive system.	
315	137	156·93	183	115	159·13	957	628	152·38	Dysentery		
169	89	189·88	161	89	180·89	765	452	169·24	All other diseases registered under Digestive system		
21	13	161·53	38	15	153·33	128	69	185·50	Diseases of the Urinary system		
10	156	6·41	3	157	1·91	25	679	8·68	" Generative system		
24	16	150·00	17	9	188·88	94	52	180·76	" Organs of Locomotion and Cellular Tissue.		
7	3	33·33	6	5	120·00	37	27	137·03	" Cutaneous system		
285	203	140·39	274	187	116·52	915	654	139·90	Still-born	Conditions not necessarily associated with General or Local Diseases.	
3	2	150·00	9	5	180·00	21	17	123·52	Premature Birth		
110	144	76·38	118	173	68·20	411	685	64·87	Old Age		
283	248	114·11	297	264	112·50	1,077	932	115·55	Debility		
12	2	600·00	13	5	260·00	47	18	261·11	Poisons	Accident and Violence.	
30	9	333·33	32	10	320·00	142	54	262·96	General Injuries		
31	2	1550·00	24	16	150·00	140	34	411·76	Local Injuries		
26	11	236·36	22	11	200·00	83	41	202·43	Drowning		
6	2	300·00	9	...	900·00	48	14	342·85	Unspecified Causes.		
5,436	3,811	140·06	5,631	3,990	141·12	31,633	21,897	144·46	Total.		
1,180	398	296·48	1,137	343	329·73	12,729	5,869	216·88	Cholera, Small-pox, Measles and Plague.		
3,971	3,280	121·06	4,226	3,460	122·13	17,989	16,374	117·00	All other Causes.		
5,151	3,678	140·04	5,357	3,803	140·86	30,718	21,243	144·60	All Causes, exclusive of Still-born.		
Males.	Females.	Males to 100 Females	Males.	Females	Males to 100 Females.	Males.	Females.	Males to 100 Females.			
Quarter, 3rd.			Quarter, 4th.			Year ending 31st December 1898.					

XX

NUMBER and PROPORTION of DEATHS

Months.	Small-pox.		Measles.		Cholera.		Plague.		Small-pox, Measles, Cholera and Plague.		Fevers.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
JANUARY ...	2	3·64	34	13·38	21	20·20	2,931	16·12	2,988	16·07	295	7·17
FEBRUARY.	4	7·27	36	14·18	17	16·35	4,493	24·71	4,550	24·46	372	9·04
MARCH	16	29·09	53	20·86	12	11·54	4,969	27·32	5,050	27·15	481	11·69
APRIL.....	8	14·55	41	16·14	8	7·69	2,172	11·94	2,229	11·99	340	8·26
MAY.....	7	12·73	16	6·30	8	7·69	523	2·88	554	2·98	343	8·34
JUNE	3	5·45	19	7·48	3	2·88	150	·82	175	·94	277	6·73
JULY	1	1·82	3	1·18	12	11·54	258	1·42	274	1·47	257	6·25
AUGUST.....	4	7·27	6	2·36	3	2·88	543	2·99	556	2·99	299	7·27
SEPTEMBER	3	5·45	6	2·36	8	7·69	731	4·02	748	4·02	394	9·58
OCTOBER ...	2	3·64	8	3·15	5	4·81	728	4·00	743	4·00	347	8·43
NOVEMBER	1	1·82	14	5·52	3	2·88	217	1·19	235	1·26	327	7·95
DECEMBER	4	7·27	18	7·09	4	3·85	470	2·59	496	2·67	382	9·29
Total...	55	100·00	254	100·00	104	100·00	18,185	100·00	18,598	100·00	4,114	100·00

	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
	Small-pox.		Measles.		Cholera.		Plague.		Small-pox, Measles, Cholera and Plague.		Fevers.	

II.

from different Causes for the Year beginning 1st January 1898.

Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes, except Epidemic.		All Causes, except Still-born.		Months.
No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	
274	10·63	1,056	12·54	175	9·72	205	12·93	1,706	11·48	3,711	11·12	6,699	12·89	JANUARY.
285	11·06	994	11·80	152	8·45	208	13·12	1,616	10·87	3,627	10·87	8,177	15·74	FEBRUARY.
278	10·79	1,171	13·90	227	12·61	248	15·65	1,741	11·71	4,146	12·43	9,196	17·70	MARCH.
214	8·30	778	9·24	176	9·78	138	8·71	1,229	8·27	2,875	8·62	5,104	9·82	APRIL.
172	6·67	574	6·81	104	5·78	74	4·67	977	6·57	2,244	6·73	2,798	5·38	MAY.
162	6·29	408	4·84	102	5·67	62	3·91	812	5·46	1,823	5·46	1,998	3·85	JUNE.
161	6·25	449	5·33	148	8·22	76	4·80	930	6·26	2,021	6·06	2,295	4·42	JULY.
179	6·95	585	6·95	191	10·61	143	9·02	1,142	7·68	2,539	7·61	3,095	5·96	AUGUST.
216	8·38	608	7·22	148	8·22	133	8·39	1,192	8·02	2,691	8·06	3,439	6·62	SEPTEMBER.
245	9·51	613	7·28	141	7·83	98	6·18	1,320	8·88	2,764	8·28	3,507	6·75	OCTOBER.
166	6·44	530	6·29	97	5·39	71	4·48	1,050	7·07	2,241	6·72	2,476	4·76	NOVEMBER.
225	8·73	657	7·80	139	7·72	129	8·14	1,149	7·73	2,681	8·04	3,177	6·11	DECEMBER.
2,577	100·00	8,423	100·00	1,800	100·00	1,585	100·00	14,864	100·00	33,363	100·00	51,961	100·00	TOTAL.

No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	
Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes except Epidemic		All Causes, except Still-born.		

DEATHS in different RACES and CASTES in different Months arranged in Quarters in the Year beginning from 1st January 1898.

MONTHS,	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, Low Castes.	Mussulman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Castes.	All Castes and Races.	Asarcophagous Castes.	Sarcophagous Castes.	Still-born.	Total.	MONTHS.
MALES.																					
January	293	303	7	44	2,163	307	837	137	13	94	10	10	9	1	2	4,130	547	3,581	60	4,190	January.
February	282	257	11	68	2,906	293	863	178	8	139	19	6	4	2	2	5,038	518	4,518	51	5,089	February.
March	218	244	18	61	3,305	354	1,020	124	8	176	15	18	3	2	...	5,566	541	5,025	66	5,632	March.
Quarter 1st.	793	704	36	173	8,374	954	2,720	439	29	409	44	34	16	5	4	14,734	1,606	13,124	177	14,911	Quarter 1st.
April	86	88	4	26	1,730	198	603	63	8	78	7	10	5	1	...	2,907	205	2,702	49	2,956	April.
May	54	27	1	9	808	112	368	51	3	48	10	12	3	...	...	1,506	90	1,416	70	1,576	May.
June	39	23	...	2	563	101	242	45	6	27	3	7	4	2	...	1,063	64	999	60	1,123	June.
Quarter 2nd.	179	138	5	37	3,100	411	1,213	159	17	153	20	29	12	3	...	5,476	359	5,117	179	5,655	Quarter 2nd.
July	56	41	3	7	681	125	291	50	3	32	5	13	5	...	...	1,317	107	1,210	95	1,412	July.
August	79	64	4	9	959	127	391	67	5	47	8	10	6	...	...	1,776	156	1,620	89	1,865	August.
September	107	55	5	15	1,143	173	430	51	11	45	7	11	3	2	...	2,058	182	1,876	101	2,159	September.
Quarter 3rd.	242	160	12	31	2,783	425	1,112	168	24	124	20	34	14	2	...	5,151	445	4,706	285	5,436	Quarter 3rd.
October	99	63	8	14	1,163	185	410	43	8	35	8	14	4	...	..	2,054	184	1,870	93	2,147	October.
November	55	40	2	11	757	149	253	56	6	32	3	12	3	...	...	1,379	108	1,271	104	1,483	November.
December	84	81	5	16	1,045	183	354	68	7	65	6	6	3	...	1	1,924	186	1,737	77	2,001	December.
Quarter 4th.	238	184	15	41	2,965	517	1,017	167	21	132	17	32	10	...	1	5,357	478	4,878	274	5,631	Quarter 4th.
FEMALES.																					
January	104	72	5	24	1,295	237	607	144	20	46	8	3	4	...	...	2,569	205	2,364	43	2,612	January.
February	139	113	9	41	1,688	238	654	157	9	65	10	9	5	...	2	3,139	302	2,835	55	3,194	February.
March	77	116	13	49	2,035	283	767	136	11	116	16	8	3	...	...	3,630	255	3,375	41	3,671	March.
Quarter 1st.	320	301	27	114	5,018	758	2,028	437	40	227	34	20	12	...	2	9,338	762	8,574	139	9,477	Quarter 1st

April	48	46	7	16	1,217	185	512	58	8	82	6	8	4	...	...	2,197	117	2,080	32	2,229	April.
May	39	31	7	16	588	126	368	57	6	43	3	5	3	...	...	1,292	93	1,199	45	1,337	May.
June	26	24	...	5	409	88	293	47	3	24	12	4	...	...	...	935	55	880	48	983	June.
Quarter 2nd.	113	101	14	37	2,214	399	1,173	162	17	149	21	17	7	...	...	4,424	265	4,159	125	4,549	Quarter 2nd.
July	26	26	2	5	412	118	293	47	3	28	10	4	4	...	...	978	59	919	45	1,023	July.
August	57	27	4	8	584	135	366	55	8	48	8	10	9	...	...	1,319	86	1,233	80	1,399	August.
September	35	34	1	5	703	136	374	48	4	29	5	6	1	...	...	1,381	75	1,306	78	1,459	September.
Quarter 3rd.	118	87	7	18	1,699	389	1,033	150	15	105	23	20	14	...	...	3,678	220	3,458	203	3,881	Quarter 3rd.
October	49	34	5	9	716	158	363	57	11	36	9	7	2	2	...	1,453	97	1,356	64	1,517	October.
November	32	27	2	12	516	119	288	40	7	36	8	6	2	...	2	1,097	73	1,022	66	1,163	November.
December	36	38	2	11	619	113	314	78	4	34	...	3	1	...	...	1,253	87	1,166	57	1,310	December.
Quarter 4th.	117	99	9	32	1,851	385	965	175	22	106	17	16	5	2	2	3,803	257	3,544	187	3,990	Quarter 4th.

PERSONS.

January	297	275	12	68	3,458	544	1,444	281	33	140	18	13	13	1	2	6,699	752	5,945	103	6,802	January.
February	431	370	20	109	4,594	531	1,517	336	17	204	29	16	9	2	4	8,177	820	7,353	106	8,283	February.
March	295	360	31	110	5,340	637	1,787	260	19	292	31	26	6	2	...	9,196	796	8,400	107	9,303	March.
Quarter 1st.	1113	1005	63	287	13,392	1,712	4,748	876	69	636	78	54	28	5	6	24,072	2,368	21,698	316	24,388	Quarter 1st.
April	134	134	11	42	2,947	383	1,115	121	16	160	13	18	9	1	...	5,104	321	4,783	81	5,185	April
May	93	58	8	25	1,396	238	736	108	9	91	13	17	6	...	...	2,798	184	2,614	115	2,913	May.
June	66	47	...	7	971	189	535	92	2	51	15	11	4	2	...	1,998	119	1,879	108	2,106	June.
Quarter 2nd.	293	239	19	74	5,314	810	2,386	321	34	302	41	46	19	3	...	9,900	624	9,276	304	10,204	Quarter 2nd.
July	82	67	5	12	1,093	243	584	97	11	60	15	17	9	...	...	2,295	166	2,129	140	2,435	July.
August	136	91	8	17	1,543	252	757	122	13	95	16	20	15	...	...	3,095	242	2,853	169	3,264	August.
September	142	89	6	20	1,846	309	804	99	15	74	12	17	4	2	...	3,439	257	3,182	179	3,618	September.
Quarter 3rd.	360	247	19	49	4,482	814	2,145	318	39	229	43	54	28	2	...	8,829	665	8,164	488	9,317	Quarter 3rd.
October	148	97	13	23	1,879	338	778	100	19	71	17	21	6	2	...	3,507	281	3,226	157	3,664	October.
November	87	67	4	23	1,278	268	541	96	13	68	11	18	5	...	2	2,476	181	2,293	170	2,646	November.
December	120	119	7	27	1,664	296	668	146	11	99	6	9	4	...	1	3,177	273	2,903	134	3,311	December.
Quarter 4th.	355	283	24	73	4,816	902	1,982	342	43	238	34	48	15	2	3	9,160	735	8,422	461	9,621	Quarter 4th.
Year.	2,120	1,774	125	483	28,004	4,238	11,261	1,857	185	1,405	196	202	90	12	9	51,961	4,392	47,560	1,569	53,530	Year.

Jains.	Brahmins.	Lingaets.	Bhaisas.	Hindus of other Castes.	Hindus Low Castes.	Mussulmen.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Castes.	All Castes and Races.	Asseroop Hagoons Castes.	Sateroop Hagoons Castes.	Still-born.	Total.

NUMBER and PROPORTION of DEATHS from different Causes in different RACES AND CASTES for the Year beginning 1st January 1899.

Asarcophagous.	Races and Castes.	Small-pox. No.	Small-pox. Prop.	Measles. No.	Measles. Prop.	Cholera. No.	Cholera. Prop.	Plague. No.	Plague. Prop.	Small-pox, Measles, Cholera and Plague. No.	Small-pox, Measles, Cholera and Plague. Prop.	Fevers. No.	Fevers. Prop.	Diseases of the Nervous System. No.	Diseases of the Nervous System. Prop.	Diseases of the Respiratory System. No.	Diseases of the Respiratory System. Prop.	Diarrhœa. No.	Diarrhœa. Prop.	Dysentery. No.	Dysentery. Prop.	Other Causes not Epidemic. No.	Other Causes not Epidemic. Prop.	All Causes, except Epidemic. No.	All Causes, except Epidemic. Prop.	All Causes, except Still-born. No.	All Causes, except Still-born. Prop.	Races and Castes.	Asarcophagous.
	Jains	...	...	7	2·76	5	4·81	1051	5·78	1063	5·74	127	3·09	84	3·26	251	2·98	106	5·89	40	2·52	449	3·02	1057	3·17	2120	4·08	Jains	
	Brahmins	1	1·82	3	1·18	4	3·84	814	4·48	822	4·42	139	3·16	94	3·65	215	2·55	75	4·17	59	3·72	379	2·55	952	2·85	1774	3·42	Brahmins	
	Lingaets	...	...	1	·39	...	...	40	0·22	41	0·22	2	0·05	4	0·15	17	0·20	5	0·28	6	·38	50	0·34	84	·25	125	0·24	Lingaets	
	Bhatias	...	...	1	·39	...	...	220	1·21	221	1·19	23	0·56	34	1·32	80	0·96	25	1·39	5	·32	95	0·64	262	·78	483	0·93	Bhatias	
Sarcophagous.	Hindus of other castes	36	65·46	148	58·80	69	66·34	12279	67·52	12527	67·36	2292	55·71	961	37·29	3618	42·95	895	49·72	755	48·26	6946	46·73	15477	46·30	28001	53·89	Hindus of other castes	
	Hindus, low-caste	3	5·45	34	13·39	5	4·81	1049	5·77	1091	5·86	312	7·58	121	4·70	869	10·32	170	9·44	198	12·49	1477	9·94	3147	9·43	4238	8·16	Hindus, low-caste	
	Mussulmans	12	20·00	52	20·47	13	12·50	1658	9·12	1734	9·32	870	21·15	868	33·68	2949	35·01	357	19·83	353	22·27	4130	27·78	9537	28·56	11261	21·67	Mussulmans	
	Parsees	1	1·82	7	2·76	1	0·96	488	2·68	497	2·67	137	3·33	264	10·24	200	2·38	55	3·06	107	6·75	597	4·01	1360	4·08	1857	3·57	Parsees	
	Jews	...	...	2	·79	...	...	44	0·24	46	0·25	16	0·39	24	0·93	18	0·21	11	0·61	3	0·19	67	0·45	159	0·43	185	0·36	Jews	
	Native Christians	3	5·45	2	·79	7	6·74	487	2·68	499	2·68	156	3·79	78	3·03	147	1·75	71	3·94	31	1·96	423	2·84	906	2·71	1405	2·70	Native Christians	
	Eurasians	...	...	1	·39	...	...	32	0·17	33	0·18	21	0·51	13	0·79	21	0·25	15	0·83	3	0·19	85	0·57	163	0·49	196	0·38	Eurasians	
	Europeans	...	...	1	·39	...	...	15	0·08	16	0·08	20	0·49	24	0·93	14	0·17	12	0·67	9	0·57	107	0·72	189	0·56	202	0·38	Europeans	
	Negro-Africans	...	...	...	...	...	...	5	0·03	5	0·02	3	0·19	3	0·12	17	0·20	3	0·17	3	0·19	51	0·34	85	0·25	90	0·17	Negro-Africans	
	Buddhists	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	0·06	...	...	3	0·19	4	·03	12	0·04	12	0·02	Buddhists	
	Other and Unknown Castes	...	...	...	...	...	...	3	0·02	3	0·01	...	...	...	...	2	0·03	...	...	...	...	4	·03	6	0·02	9	0·02	Other and Unknown Castes.	
	All Races and Castes	55	100·00	254	100·00	104	100·00	18185	100·00	18598	100·00	4114	100·00	2577	100·00	8423	100·00	1800	100·00	1585	100·00	14864	100·00	33363	100·00	51961	100·00	All Races and Castes.	
	Asarcophagous	1	1·82	12	4·72	9	8·65	2125	11·69	2147	11·54	282	6·85	216	8·38	561	6·66	211	11·72	110	6·94	975	6·56	2355	7·06	4502	8·66	Asarcophagous.	
	Sarcophagous	54	98·18	242	95·28	95	91·35	16060	88·31	16451	88·46	3832	93·15	2361	91·62	7862	93·34	1589	88·28	1475	93·06	13889	93·44	31008	92·94	47459	91·34	Sarcophagous.	

	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	
	Small-pox.		Measles.		Cholera.		Plague.		Small-pox, Measles, Cholera and Plague.		Fevers.		Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes, except Epidemic.		All causes, except Still-born.		

PROPORTION OF MALE TO FEMALE DEATHS in different RACES and CASTES in different QUARTERS for the Year beginning 1st January, 1898.

Races and Castes.	Quarter 1st.			Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 1898.			Races and Castes.
	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	
Asarcophagous.																Asarcophagous.
Jains	793	320	247·81	179	113	158·40	242	118	205·08	238	117	203·41	1452	668	217·36	Jains
Brahmins	704	301	233·88	138	101	136·63	160	87	183·90	184	99	185·85	1186	588	201·70	Brahmins
Lingaets	36	27	133·33	5	14	35·71	12	7	171·42	15	9	166·66	68	57	119·29	Lingaets
Bhatias	173	114	151·75	37	37	100·00	31	18	172·22	41	32	128·12	282	201	140·29	Bhatias
Sarcophagous.																Sarcophagous.
Hindus of other castes	8,374	5,018	166·87	3,100	2,214	140·01	2,783	1,699	163·80	2,965	1,851	160·18	17,222	10,782	159·72	Hindus of other castes
Hindus, low-caste	954	758	125·85	411	399	103·00	425	389	109·25	517	385	134·28	2,307	1,931	119·47	Hindus, low-caste
Mussulman	2,720	2,028	134·18	1,215	1,173	103·41	1,112	1,033	107·64	1,017	966	105·38	6,062	5,199	116·59	Mussulman
Parsees	439	437	100·45	159	162	98·14	168	150	112·00	167	175	95·42	933	924	100·97	Parsees
Jews	29	40	72·5	17	17	100·00	24	15	160·00	21	22	95·45	91	94	96·80	Jews
Native Christians	409	227	180·17	153	149	102·68	124	105	118·09	132	106	124·52	818	587	139·35	Native Christians
Eurasians	44	34	129·41	20	21	95·23	20	23	86·95	17	17	100·00	101	95	106·31	Eurasians
Europeans	34	20	170·00	29	17	170·58	34	20	170·00	32	16	200·00	129	73	176·71	Europeans
Negro-Africans	16	12	133·33	12	7	171·42	14	14	100·00	10	5	200·00	52	38	136·84	Negro-Africans
Buddhists	5	...	...	3	...	...	2	...	...	...	2	...	10	2	500·00	Buddhists
Other and unknown castes	4	2	200·00	...	...	...	...	...	...	1	2	50·00	5	4	125·00	Other and unknown castes.
All races and castes	14,734	9,338	157·78	5,476	4,424	123·77	5,151	3,678	140·04	5,357	3,803	140·86	30,718	21,243	144·59	All races and castes.
Asarcophagous	1,706	762	223·88	359	265	135·47	445	230	193·47	478	257	185·99	2,988	1 514	197·35	Asarcophagous.
Sarcophagous	13,024	8,574	151·90	5,117	4,159	123·03	4,706	3,448	136·77	4,878	3,544	137·64	27,725	19,725	140·55	Sarcophagous.
	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 10 Females.	
	Quarter 1st.			Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 1898.			

DEATHS at different AGES in different MONTHS arranged in Quarters for the Year beginning 1st January 1898.

MONTHS.	AGES. Days. 1 to 30	Months. 1 to 6	Months. 7 to 12	Years. 1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	All Ages, exclusive of Still-born.	Still-born.	Total.	MONTHS.
MALES.																							
January	103	108	109	95	41	40	39	133	267	260	410	506	497	394	301	194	197	95	431	4,130	60	4,190	January.
February	77	105	98	80	44	36	36	177	336	330	557	658	634	425	357	198	283	93	514	5,038	51	5,089	February.
March	81	130	103	113	53	35	66	242	374	380	379	749	700	455	419	221	235	91	546	5,566	66	5,632	March.
Quarter 1st	261	343	310	288	138	111	135	552	977	970	1346	1913	1831	1184	1077	613	715	279	1,491	14,734	177	14,911	Quarter 1st.
April	67	101	89	77	36	25	27	93	167	172	319	333	364	232	204	115	143	68	276	2,907	49	2,956	April.
May	52	84	77	67	29	10	18	41	66	75	113	152	181	105	100	48	85	32	182	1,506	70	1,576	May.
June	57	71	79	51	23	10	12	29	30	48	71	117	100	80	68	44	53	17	103	1,063	60	1,123	June.
Quarter 2nd	176	256	245	195	88	45	57	163	253	295	502	602	645	417	372	207	280	117	561	5,476	179	5,655	Quarter 2nd
July	95	95	94	74	23	10	13	26	42	51	121	124	114	77	89	52	51	25	141	1,317	95	1,412	July.
August	118	85	109	74	40	11	10	48	69	99	151	202	170	108	112	57	80	37	196	1,776	89	1,865	August.
September	115	66	74	56	30	22	16	61	98	124	201	286	226	147	135	64	92	41	204	2,058	101	2,159	September.
Quarter 3rd	328	246	277	204	93	43	39	135	209	274	473	612	510	332	336	173	223	103	541	5,151	285	5,436	Quarter 3rd.
October	131	116	108	73	28	18	17	58	84	137	196	252	217	133	121	56	81	38	190	2,054	93	2,147	October.
November	84	81	86	66	19	7	11	31	50	63	95	143	133	114	91	44	65	29	167	1,379	104	1,483	November.
December	122	108	79	67	27	13	10	53	105	84	171	214	176	132	121	74	85	47	236	1,924	77	2,001	December.
Quarter 4th	337	305	273	206	74	38	38	142	239	284	462	609	526	379	333	174	231	114	593	5,357	274	5,631	Quarter 4th.
FEMALES.																							
January	78	94	88	93	52	40	34	167	195	192	226	230	208	135	136	58	115	45	388	2,569	43	2,612	January.
February	57	93	85	91	50	43	36	210	292	214	256	304	274	169	170	116	151	67	461	3,139	55	3,194	February.
March	48	108	109	97	63	42	55	263	355	287	284	327	204	213	223	130	143	95	485	3,630	41	3,671	March.
Quarter 1st	183	295	282	281	165	125	125	640	842	693	766	861	781	517	529	304	409	207	1,334	9,338	139	9,477	Quarter 1st.

April	37	82	90	73	43	23	24	106	166	153	207	223	213	111	130	65	82	37	333	2,197	32	2,229	April.
May	59	84	98	66	26	22	11	45	83	79	104	98	94	74	70	38	57	22	168	1,292	45	1,337	May.
June	70	63	71	62	19	12	12	32	44	62	80	75	56	38	36	31	30	15	127	935	48	983	June.
Quarter 2nd...	166	229	259	201	88	57	47	183	293	294	391	395	363	223	236	134	169	74	628	4,424	125	4,549	Quarter 2nd.
July	55	69	92	67	22	14	3	30	66	82	82	78	49	47	45	14	36	18	147	978	45	1,023	July.
August	91	75	108	73	35	22	22	44	91	76	109	109	76	52	72	26	39	20	179	1,319	80	1,399	August.
September	102	61	75	72	32	16	14	52	93	86	112	128	92	57	84	29	58	22	196	1,381	78	1,459	September.
Quarter 3rd...	251	205	275	210	89	52	39	126	249	244	303	315	216	156	201	69	133	60	522	3,678	203	3,881	Quarter 3rd.
October	97	91	92	54	26	13	22	72	92	88	110	110	121	66	77	40	66	19	124	1,403	64	1,467	October.
November	89	68	77	63	21	17	3	34	55	61	76	95	78	65	49	25	30	15	176	1,097	66	1,163	November.
December	93	86	84	61	30	25	13	38	65	69	92	98	91	48	47	25	53	16	219	1,253	57	1,310	December.
Quarter 4th...	279	245	253	178	77	55	38	144	214	218	283	303	290	179	173	96	139	50	589	3,803	187	3,990	Quarter 4th.
PERSONS.																							
January	181	202	197	188	93	80	73	300	462	452	636	736	700	439	437	252	312	140	819	6,699	103	6,802	January.
February	134	198	183	171	94	79	72	387	628	544	813	962	908	594	527	314	434	160	975	8,177	106	8,283	February.
March	129	238	212	210	115	77	115	505	729	667	863	1,076	1,004	668	642	351	378	186	1,031	9,196	107	9,303	March.
Quarter 1st ...	444	638	592	569	302	236	260	1,192	1,819	1,663	2,312	2,774	2,612	1,701	1,606	917	1,124	486	2,825	24,073	316	24,388	Quarter 1st.
April	104	183	179	150	79	48	51	199	333	325	526	555	577	343	334	180	224	105	609	5,104	81	5,185	April.
May	111	168	175	133	55	32	29	86	139	154	216	250	275	179	170	86	136	54	350	2,798	115	2,913	May.
June	127	134	150	113	42	22	24	61	74	110	151	192	156	118	104	75	83	32	230	1,998	108	2,106	June.
Quarter 2nd...	342	485	504	396	176	102	104	346	546	589	893	997	1,008	640	608	341	443	191	1,189	9,900	304	10,204	Quarter 2nd.
July	153	164	186	139	45	24	16	56	100	103	203	202	162	124	134	66	83	45	288	2,295	140	2,435	July.
August	209	160	217	147	75	33	32	92	160	175	260	311	246	160	184	82	119	57	375	3,095	169	3,264	August.
September	217	127	149	128	63	38	30	113	191	210	313	414	318	204	211	93	150	65	400	3,439	179	3,618	September.
Quarter 3rd ...	579	451	552	414	182	95	78	261	451	488	776	927	726	488	537	241	352	167	1,063	8,829	488	9,317	Quarter 3rd.
October	228	207	200	127	54	31	39	130	178	225	311	362	338	199	198	102	137	57	384	3,507	157	3,664	October.
November	173	149	163	129	40	24	14	65	105	124	171	238	211	179	140	69	95	44	343	2,476	170	2,646	November.
December	215	194	163	128	57	38	23	91	170	153	263	312	267	180	168	99	138	63	455	3,177	134	3,311	December.
Quarter 4th...	616	550	526	384	151	93	76	286	453	502	745	912	816	558	506	270	370	164	1,182	9,160	461	9,621	Quarter 4th.
Year...	1,981	2,124	2,174	1,763	811	526	518	2,085	3,269	3,242	4,726	5,610	5,162	3,387	3,257	1770	2,293	1004	6,259	51,961	1,569	53,530	Year.

	1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	All Ages, exclusive of Still-born.	Still-born.	Total.	
	Days.	Months.		Years.																			
	AGES.																						

NUMBER and PROPORTION of DEATHS at different AGES from different CAUSES for the Year beginning 1st January 1898.

AGES.	Small-pox.		Measles.		Cholera.		Plague.		Small-pox, Measles, Cholera and Plague.		Fevers.		Diseases of Nervous System.		Diseases of Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.	All Causes, except Epidemic.		All Causes, except Still-born.		AGES.
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	No.	Prop.	No.	Prop.	
Days 1 to 30...	1	1·82	...	...	...	...	1	·01	2	·01	14	·34	622	24·14	96	1·14	4	·22	1	·06	1242	8·36	1,979	5·93	1,981	3·81	Days 1 to 30.
Months1 to 6...	5	9·09	19	7·48	...	...	4	·02	28	·15	135	3·28	501	19·46	757	9·00	113	6·28	14	·88	576	3·87	2,096	6·28	2,124	4·09	Months 1 to 6.
„ 7 to 12...	7	12·73	61	24·01	1	0·96	27	·15	96	·52	158	3·84	262	10·17	852	10·10	205	11·39	71	4·48	530	3·57	2,078	6·23	2,174	4·18	„ 7 to 12.
Years 1 to 2...	4	7·27	73	28·74	2	1·92	85	·47	164	·88	142	3·45	150	5·82	597	7·09	189	10·50	88	5·55	433	2·91	1,599	4·79	1,768	3·39	Years 1 to 2.
„ 2 to 3...	1	1·82	26	10·24	...	...	103	·57	130	·70	90	2·19	59	2·29	178	2·11	88	4·89	57	3·60	209	1·41	681	2·04	811	1·56	„ 2 to 3.
„ 3 to 4...	3	5·45	21	8·27	...	...	95	·52	119	·64	53	1·29	24	·93	88	1·04	51	2·83	62	3·91	129	·87	407	1·22	526	1·01	„ 3 to 4.
„ 4 to 5...	1	1·82	16	6·30	...	...	155	·85	172	·92	65	1·58	29	1·12	78	·93	30	1·67	50	3·16	94	·63	346	1·04	518	1·00	„ 4 to 5.
„ 5 to 9...	5	9·09	29	11·42	5	4·81	956	5·26	995	5·36	252	6·13	57	2·21	222	2·63	91	5·06	145	9·15	323	2·17	1,090	3·27	2,085	4·01	„ 5 to 9.
„ 10 to 14...	10	18·18	4	1·57	13	12·50	1780	9·79	1807	9·73	393	9·55	55	2·13	252	2·99	65	3·61	126	7·95	571	3·84	1,462	4·38	3,269	6·29	„ 10 to 14.
„ 15 to 19...	1	1·82	3	1·18	10	9·61	1754	9·65	1768	9·51	330	8·02	34	1·32	175	2·08	58	3·22	79	4·42	807	5·43	1,474	4·42	3,242	6·24	„ 15 to 19.
„ 20 to 24...	4	7·27	...	...	14	13·47	2477	13·62	2495	13·42	423	10·28	50	1·94	267	3·17	88	4·61	102	6·44	1306	8·79	2,341	6·69	4,726	9·10	„ 20 to 24.
„ 25 to 29...	3	5·45	2	·79	18	17·31	2904	15·97	2927	15·74	523	12·71	77	2·98	326	3·87	100	5·66	124	7·82	1533	10·31	2,683	8·04	5,610	10·80	„ 25 to 29.
„ 30 to 34...	2	3·64	...	...	10	9·61	2539	13·96	2551	13·72	394	9·55	88	3·41	336	4·58	116	6·44	141	8·91	1486	10·00	2,611	7·83	5,162	9·93	„ 30 to 34.
„ 35 to 39...	4	7·27	...	...	9	8·66	1563	8·59	1576	8·47	267	6·49	62	2·41	261	3·10	97	5·39	111	7·00	1013	6·81	1,811	5·43	3,387	6·52	„ 35 to 39.
„ 40 to 44...	2	3·64	...	...	6	5·77	1336	7·35	1344	7·2	236	5·74	61	2·37	405	4·81	75	4·17	79	4·98	1057	7·11	1,913	5·73	3,257	6·27	„ 40 to 44.
„ 45 to 49...	...	...	...	...	3	2·88	659	3·62	662	3·56	149	3·62	53	2·05	230	2·73	58	3·22	43	2·71	576	3·87	1,108	3·32	1,770	3·41	„ 45 to 49.
„ 50 to 54...	1	1·82	...	...	5	4·81	779	4·28	785	4·22	160	3·89	64	2·48	468	5·57	60	3·33	79	4·98	677	4·55	1,608	4·81	2,293	4·41	„ 50 to 54.
„ 55 to 59...	...	...	...	...	3	2·88	268	1·47	271	1·46	88	2·14	60	2·33	184	2·18	44	2·44	44	2·78	313	2·11	733	2·20	1,004	1·93	„ 55 to 59.
Over 60 years...	1	1·82	...	...	5	4·81	700	3·85	706	3·79	242	5·88	269	10·44	2601	30·88	273	15·17	178	11·23	1990	13·39	5,553	16·64	6,239	12·05	Over 60 years.
All Ages...	55	100·00	254	100·00	104	100·00	18185	100·00	18598	100·00	4114	100·00	2577	100·00	8423	100·00	1800	100·00	1535	100·00	14884	100·00	33363	100·00	51961	100·00	All Ages.

	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	
	Small-pox.		Measles.		Cholera.		Plague.		Small-pox, Measles, Cholera and Plague.		Fevers.		Diseases of Nervous System.		Diseases of Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.	All Causes, except Epidemic.		All Causes, except Still-born.		

XXVIII.

PROPORTION of MALE to FEMALE DEATHS in different Quarters for the Year beginning 1st January 189 .

Ages.	Quarter 1st.			Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 189 .			Ages.
	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	
Days 1 to 30	261	183	142·62	176	166	106·02	328	251	130·67	337	279	120·78	1,102	879	125·36	Days 1 to 30.
Months 1 to 6	343	295	116·27	256	229	111·79	246	205	120·00	305	245	124·81	1,150	974	118·06	Months 1 to 6.
,, 7 to 12	310	282	109·92	245	259	94·59	277	275	100·72	273	253	107·90	1,105	1,069	103·36	,, 7 to 12.
Years 1 to 2	288	281	102·49	195	201	97·01	204	210	97·14	206	178	115·73	893	870	102·64	Years 1 to 2.
,, 2 to 3	138	164	84·14	88	88	100·00	93	89	104·49	74	77	96·10	393	418	94·01	,, 2 to 3.
,, 3 to 4	111	125	88·80	45	57	78·94	43	52	82·69	38	55	69·09	237	289	82·00	,, 3 to 4.
,, 4 to 5	135	125	108·00	57	47	121·27	39	39	100·00	38	38	100·00	269	249	108·03	,, 4 to 5.
,, 5 to 9	552	640	86·25	163	183	89·07	135	126	107·14	142	144	98·61	992	1,098	90·75	,, 5 to 9.
,, 10 to 14	977	842	116·03	253	293	86·34	209	242	86·36	239	214	111·68	1,678	1,591	105·46	,, 10 to 14.
,, 15 to 19	970	693	139·97	296	294	100·34	274	214	128·03	284	218	130·18	1,823	1,419	128·47	,, 15 to 19.
,, 20 to 24	1,546	766	201·82	502	391	128·38	473	303	156·10	462	283	163·25	2,983	1,743	171·14	,, 20 to 24.
,, 25 to 29	1,913	861	222·13	602	395	152·40	612	315	194·28	609	303	200·99	3,736	1,814	205·95	,, 25 to 29.
,, 30 to 34	1,831	781	234·44	645	363	177·68	510	216	236·11	526	280	187·37	3,512	1,650	212·80	,, 30 to 34.
,, 35 to 39	1,184	517	229·01	417	223	186·99	332	156	212·82	379	179	211·73	2,312	1,075	215·06	,, 35 to 39.
,, 40 to 44	1,077	529	203·59	372	236	157·62	336	201	167·16	333	173	192·48	2,118	1,139	185·68	,, 40 to 44.
,, 45 to 49	613	304	201·64	207	134	154·47	173	69	250·72	174	96	181·25	1,167	603	193·53	,, 45 to 49.
,, 50 to 54	715	409	174·81	280	163	171·77	223	133	167·66	231	139	166·18	1,449	844	171·68	,, 50 to 54.
,, 55 to 59	279	207	134·78	117	74	158·10	103	60	171·66	114	50	227·99	613	391	156·77	,, 55 to 59.
Over 60 years	1,491	1,324	111·76	581	628	92·51	541	522	103·63	593	589	100·67	3,186	3,073	103·67	Over 60 years.
All Ages...	14,734	9.388	157·78	5,476	4,424	123·77	5,151	3,678	140·04	5,357	3.803	140·86	30,718	21,243	144·60	All Ages.

	Quarter 1st.			Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 189 .			
	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	

NUMBER and PROPORTION of DEATHS in different Sections from different CAUSES for the Year beginning 1st January 1898.

Wards.	Sections.	Small-pox. No.	Small-pox. Prop.	Measles. No.	Measles. Prop.	Cholera. No.	Cholera. Prop.	Plague. No.	Plague. Prop.	Small-pox, Measles, Cholera and Plague. No.	Small-pox, Measles, Cholera and Plague. Prop.	Fevers. No.	Fevers. Prop.	Diseases of the Nervous System. No.	Diseases of the Nervous System. Prop.	Diseases of the Respiratory System. No.	Diseases of the Respiratory System. Prop.	Diarrhœa. No.	Diarrhœa. Prop.	Dysentery. No.	Dysentery. Prop.	Other Causes not Epidemic. No.	Other Causes not Epidemic. Prop.	All Causes except Epidemic. No.	All Causes except Epidemic. Prop.	All Causes except Still-born. No.	All Causes except Still-born. Prop.	Sections.	Wards.
A	Upper Colaba	...	...	...	...	...	...	31	0·17	31	0·17	4	0·10	12	0·47	13	0·16	3	0·17	8	0·50	39	0·26	79	0·24	110	0·21	Upper Colaba	A
	Middle & Lower Colaba	..	...	3	1·18	2	1·92	311	1·71	316	1·70	48	1·17	42	1·63	91	1·03	21	1·17	18	1·14	145	0·98	365	1·09	681	1·31	Middle & Lower Colaba	
	Fort, Southern	...	...	...	...	...	...	6	0·03	6	0·03	...	...	1	0·04	2	0·02	2	0·11	...	...	6	0·04	11	0·03	17	0·03	Fort, Southern	
	„ Northern	1	1·82	7	2·75	2	1·92	923	5·08	933	5·02	112	2·72	118	4·58	218	2·58	45	2·50	58	3·66	445	2·99	991	2·97	1,924	3·70	„ Northern	
	Esplanade	...	...	...	...	1	0·96	91	0·50	92	0·50	29	0·71	15	0·58	35	0·42	4	0·22	6	0·38	69	0·46	158	0·47	260	0·48	Esplanade	
B	Mandvi	3	5·45	12	4·72	8	7·69	911	5·01	934	5·02	214	5·20	129	5·01	428	5·08	93	5·17	65	4·10	638	4·29	1,567	4·70	2,501	4·81	Mandvi	B
	Chukla	1	1·82	10	3·94	1	0·96	464	2·55	476	2·56	131	3·18	150	5·82	541	6·42	34	1·89	45	2·84	682	4·59	1,583	4·75	2,809	3·96	Chukla	
	Umarkhadi	1	1·82	21	8·27	3	2·89	745	4·10	770	4·14	242	5·88	256	9·93	762	9·05	90	5·00	93	5·87	1259	8·47	2,702	8·10	3,472	6·68	Umarkhadi	
	Dongri	3	5·45	18	7·09	8	7·69	716	3·94	745	4·01	206	5·01	64	2·48	305	3·62	78	4·33	63	3·97	492	3·31	1,208	3·62	1,953	3·76	Dongri	
	Market	...	...	4	1·58	3	2·89	1044	5·74	1051	5·65	147	3·57	123	4·77	300	3·56	61	3·29	53	3·35	488	3·28	1,172	3·51	2,223	4·25	Market	
C	Dhobi Talao	5	9·09	11	4·33	6	5·77	1084	5·69	1056	5·68	172	4·18	164	6·36	299	3·55	56	3·11	78	4·92	543	3·65	1,312	3·93	2,368	4·56	Dhobi Talao	C
	Fanaswadi	1	1·82	6	2·36	1	0·96	647	3·01	655	2·96	95	2·31	78	3·03	124	1·47	34	1·89	29	1·85	229	1·54	589	1·77	1,144	2·20	Fanaswadi	
	Bhuleshwar	...	...	8	3·16	3	2·89	728	3·39	739	3·37	116	2·82	106	3·88	417	4·95	82	4·56	43	2·71	668	4·49	1,429	4·29	2,164	4·16	Bhuleshwar	
	Khara Talao	1	1·82	18	7·09	1	0·96	348	1·91	368	1·98	182	4·42	128	4·97	495	5·88	41	2·28	67	4·10	611	4·11	1,522	4·56	1,890	3·64	Khara Talao	
	Kumbharwada	2	3·64	11	4·33	5	4·81	974	5·36	992	5·33	255	6·20	99	3·84	398	4·73	65	3·61	68	4·29	685	4·61	1,570	4·71	2,562	4·93	Kumbharwada	
	Khetwadi	...	...	12	4·73	3	2·88	655	3·60	670	3·60	179	4·35	101	3·92	281	3·34	52	2·89	57	3·60	445	2·99	1,115	3·34	1,785	3·44	Khetwadi	
D	Girgaum	1	1·82	1	·39	2	1·92	830	4·57	854	4·54	135	3·28	99	3·84	194	2·30	41	2·28	63	3·97	467	3·14	999	3·00	1,853	3·57	Girgaum	D
	Chaupati	...	...	2	·79	...	...	174	0·96	176	0·95	21	0·51	39	1·51	42	0·50	10	0·55	16	1·01	101	0·68	229	0·69	405	0·78	Chaupati	
	Walkeshwar	1	1·82	1	·39	...	...	101	0·55	103	0·55	19	0·46	8	0·31	28	0·33	10	0·55	8	0·50	84	0·57	187	0·47	260	0·50	Walkeshwar	
	Mahalakshmi	...	...	1	·39	4	3·85	193	1·06	197	1·06	32	0·78	15	0·58	77	0·91	13	0·72	18	1·14	132	0·89	287	0·86	454	0·93	Mahalakshmi	
	Mazagon	5	9·09	5	1·97	4	3·85	732	4·02	746	4·01	169	4·11	105	4·07	287	3·41	105	5·83	67	4·23	649	4·43	1,526	4·58	2,275	4·66	Mazagon	
	Tarwadi	...	...	9	3·55	1	0·96	343	1·99	353	1·90	114	2·77	30	1·16	155	1·60	52	2·89	27	1·70	314	2·11	672	2·01	1,025	1·97	Tarwadi	
	2nd Nagpada	...	...	10	3·94	1	0·96	303	1·67	314	1·69	100	2·43	139	5·39	412	4·89	60	3·33	53	3·24	684	4·60	1,478	4·43	1,792	3·45	2nd Nagpada	
E	Kamathipura	4	7·27	15	5·90	1	0·96	1005	5·53	1025	5·51	188	4·45	104	4·04	461	5·47	91	5·06	98	6·18	839	5·64	1,776	5·32	2,801	5·39	Kamathipura	E
	Tardeo	2	3·64	8	3·15	3	2·88	524	2·88	537	2·89	88	2·14	42	1·63	236	2·80	60	3·33	60	3·79	440	2·96	926	2·78	1,468	2·82	Tardeo	
	Byculla	1	1·82	24	9·45	11	10·58	1432	7·87	1468	7·89	339	8·24	121	4·70	568	7·53	198	11·00	95	5·99	1315	8·85	2,736	8·20	4,204	8·09	Byculla	
	1st Nagpada	3	5·45	9	3·54	1	0·96	244	1·34	257	1·38	46	1·12	27	1·05	120	1·43	15	1·05	22	1·39	194	1·31	428	1·28	685	1·31	1st Nagpada	
	Parel	3	5·45	12	4·72	4	3·85	752	4·13	778	4·18	277	6·73	65	2·56	330	4·51	110	6·11	73	4·61	658	4·43	1,564	4·69	2,342	4·51	Parel	
F	Sewri	...	...	...	...	...	...	59	0·32	59	0·32	37	0·90	10	0·39	47	0·56	18	1·00	17	1·07	72	0·48	201	0·60	251	0·48	Sewri	F
	Sion	1	1·82	9	3·55	7	6·74	187	1·03	204	1·10	63	1·53	36	1·40	135	1·60	39	2·17	26	1·64	227	2·09	1·41	518	1·55	722	1·39	Sion	
G	Mahim	4	7·27	1	·39	5	4·81	883	2·11	893	2·11	146	3·55	61	2·37	240	2·85	86	4·78	91	5·74	865	2·59	1,409	3·02	1,402	2·70	Mahim	G
	Worli	5	9·09	5	1·97	1	0·96	852	2·10	893	2·11	158	3·84	85	1·36	225	2·67	54	3·00	43	2·71	853	2·38	868	2·60	1,261	2·43	Worli	
Water Division		6	10·91	...	...	5	4·81	10	0·05	21	0·11	3	0·07	2	0·08	4	0·05	...	...	1	0·06	19	0·13	29	0·09	50	0·10	Water Division	
Non-resident and Unknown		...	...	3	1·18	2	1·92	980	5·39	985	5·30	53	1·29	58	2·25	78	0·93	73	4·06	18	1·14	511	3·44	791	2·37	1,776	3·42	Non-resident and Unknown	
	TOTAL	55	100·00	254	100·00	104	100·00	18185	100·00	18598	100·00	4114	100·00	2577	100·00	8423	100·00	1890	100·00	1585	100·00	14884	100·00	33368	100·00	51961	100·00	Total	

No.	Prop.	Sections.
No.	Prop.	Small-pox.
No.	Prop.	Measles.
No.	Prop.	Cholera.
No.	Prop.	Plague.
No.	Prop.	Small-pox, Measles, Cholera and Plague.
No.	Prop.	Fevers.
No.	Prop.	Diseases of the Nervous System.
No.	Prop.	Diseases of the Respiratory System.
No.	Prop.	Diarrhœa.
No.	Prop.	Dysentery.
No.	Prop.	Other Causes not Epidemic.
No.	Prop.	All Causes except Epidemic.
No.	Prop.	All Causes except Still-born.

DEATHS at different AGES in different LOCALITIES during the year beginning 1st January 1898.

MALES.	A						B					C						D					E							F			G					MALES.
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chakla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Pannawadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chanpati.	Walkeshwar.	Malabarhill.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-resident and Unknown.	TOTAL.	
Ages.	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2					Ages.
Days 1 to 30	2	22	..	32	12	68	48	42	75	43	208	24	37	24	38	36	60	219	32	30	14	8	8	92	52	27	39	51	49	32	11	321	49	17	29	95	52	31	83	..	26	1,162	Days 1 to 30
Months 1 to 6	4	14	1	28	10	57	70	69	97	51	287	24	45	19	39	58	56	240	46	36	12	7	12	113	53	27	49	50	33	69	19	300	48	4	18	70	33	33	66	..	16	1,150	Months 1 to 6
7 to 12	5	12	..	34	5	56	62	45	79	49	235	42	50	14	36	43	44	229	42	21	7	4	14	88	46	36	34	46	47	109	21	359	63	1	24	88	27	33	60	..	10	1,105	" 7 to 12
Years 1 to 2	..	13	..	42	2	57	33	38	70	36	183	41	38	14	25	49	30	195	25	26	6	7	6	80	47	15	26	47	40	68	21	264	40	7	16	63	27	14	41	..	10	893	Years 1 to 2
" 2 to 3	1	7	..	9	2	19	19	8	10	14	51	14	8	10	15	20	12	79	12	11	1	4	1	29	11	7	13	25	13	31	6	110	24	2	6	32	14	13	27	..	6	393	" 2 to 3
" 3 to 4	..	2	..	7	1	10	10	9	15	9	43	4	10	7	3	11	16	51	11	8	4	3	1	27	11	6	8	14	8	19	3	69	14	1	8	23	6	3	9	..	5	237	" 3 to 4
" 4 to 5	..	6	..	10	2	18	12	7	18	12	49	8	5	7	6	13	9	50	10	12	5	1	2	30	11	5	10	20	8	29	8	89	10	1	4	15	6	6	12	..	6	269	" 4 to 5
" 5 to 9	11	12	..	32	5	60	41	36	57	39	173	29	35	27	32	26	52	201	38	45	9	9	16	116	45	16	37	50	29	120	17	313	45	9	10	64	37	19	56	..	23	922	" 5 to 9
" 10 to 14	3	21	..	62	9	95	79	61	114	64	318	69	36	30	64	55	89	393	49	70	10	6	14	150	79	19	46	101	46	188	28	477	84	3	21	110	44	38	82	..	44	1,678	" 10 to 14
" 15 to 19	2	30	1	91	10	134	79	67	98	61	305	82	31	34	91	51	105	458	60	76	17	6	24	193	83	28	41	78	47	152	22	450	88	8	18	114	55	39	94	1	94	1,823	" 15 to 19
" 20 to 24	9	47	..	119	18	193	152	113	131	112	508	198	141	83	122	90	159	793	108	109	21	12	27	277	82	60	68	131	81	163	24	710	146	13	40	199	60	59	119	10	154	2,983	" 20 to 24
" 25 to 29	17	46	2	120	22	207	196	106	184	170	656	174	176	96	134	90	218	887	149	141	27	22	43	382	155	81	81	187	127	283	61	908	166	16	35	217	58	105	163	7	229	3,726	" 25 to 29
" 30 to 34	10	57	3	139	25	234	162	79	193	120	555	160	174	85	141	103	196	859	135	138	23	17	29	342	118	69	103	169	97	285	42	864	174	19	55	248	78	72	150	6	235	3,512	" 30 to 34
" 35 to 39	2	43	2	80	15	152	160	79	139	92	470	126	118	80	86	73	122	585	73	87	24	10	24	218	92	39	63	125	50	167	27	563	108	7	22	137	51	59	110	4	134	2,112	" 35 to 39
" 40 to 44	9	24	1	81	10	125	119	66	141	66	391	99	93	39	111	66	97	505	63	61	18	10	23	175	74	43	75	138	65	159	29	571	96	18	25	139	38	55	93	4	120	2,118	" 40 to 44
" 45 to 49	7	19	..	50	2	78	65	64	70	41	240	68	70	26	58	41	47	310	42	36	10	7	12	107	52	14	32	47	29	79	11	264	42	1	12	55	29	20	49	4	60	1,167	" 45 to 49
" 50 to 54	1	18	1	62	5	87	72	62	91	46	271	90	91	28	88	46	70	413	53	47	7	7	11	125	46	20	63	84	31	90	16	350	48	6	18	72	38	22	60	..	71	1,449	" 50 to 54
" 55 to 59	1	10	..	47	2	64	35	29	38	17	119	33	32	12	37	25	17	156	11	21	9	9	7	57	24	11	21	33	9	21	5	123	28	5	4	37	34	6	40	2	29	618	" 55 to 59
Over 60 years	4	36	2	126	5	173	161	154	260	87	662	130	149	55	180	168	158	817	94	97	30	28	24	283	103	58	168	199	78	229	25	843	92	26	59	177	88	53	141	7	88	3,186	Over 60 years
All Ages..	78	439	13	1175	161	1866	1552	1140	1898	1133	5693	1423	1454	668	1299	1058	1541	7446	1064	1088	249	168	310	2879	1188	580	972	1595	873	2306	591	7993	1361	166	424	1951	800	686	1486	46	1358	30,718	All Ages.

	A						B					C						D					E							F			G					
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chakla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Pannawadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chanpati.	Walkeshwar.	Malabarhill.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-resident and Unknown.	TOTAL.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2				

DEATHS at different AGES in different LOCALITIES during the Year beginning 1st January 1898.

FEMALES.	A						B					C						D						E							F			G						FEMALES.
Ages.	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chakla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Parwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Malbar.	Worli.	Total.	Water Division.	Non-resident and Unknown.	TOTAL.	Ages.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2					
Days 1 to 30 ..	2	18	1	28	9	58	30	36	53	38	157	26	31	14	31	40	31	173	28	29	5	7	8	77	39	83	24	55	24	89	14	328	48	4	18	70	21	27	48	1	17	879	Days 1 to 30
Months 1 to 6 ..	1	14	..	32	6	53	48	67	97	48	249	23	35	19	29	40	40	192	36	26	4	2	9	73	32	37	35	44	32	80	11	271	42	5	19	66	35	23	58	9	7	874	Months 1 to 6
,, 7 to 12 ..	1	13	..	27	8	49	52	49	77	48	226	35	49	20	22	48	49	223	40	31	5	6	6	87	47	28	38	58	36	92	15	316	61	4	19	84	32	27	59	9	9	1,069	,, 7 to 12
Years 1 to 2 ..	1	5	..	30	1	37	45	32	59	42	178	22	40	18	31	34	31	193	30	26	4	2	4	66	40	26	33	44	26	76	10	255	48	1	15	64	35	25	60	7	7	810	Years 1 to 2
,, 2 to 3 ..	..	2	..	9	1	12	7	10	20	14	51	7	16	6	10	12	13	64	10	7	2	1	4	24	9	4	10	12	11	35	5	86	14	3	8	25	11	11	22	..	3	289	,, 2 to 3
,, 3 to 4 ..	..	2	..	7	1	10	7	10	20	14	51	7	16	6	10	12	13	64	10	7	2	1	4	24	9	4	10	12	11	35	5	86	14	3	8	25	11	11	22	..	3	289	,, 3 to 4
,, 4 to 5 ..	..	2	..	12	1	15	10	7	18	7	42	10	12	9	11	8	10	60	7	12	2	1	4	26	9	4	16	12	7	48	5	101	10	1	6	17	7	3	10	..	3	249	,, 4 to 5
,, 5 to 9 ..	1	19	..	35	4	59	39	46	82	40	207	48	38	30	38	35	49	238	39	43	11	3	13	109	47	19	34	65	28	112	22	327	50	5	15	80	30	28	58	15	1	1,033	,, 5 to 9
,, 10 to 14 ..	1	14	..	54	4	73	64	84	128	60	337	68	51	38	74	53	71	345	58	53	14	6	14	154	71	25	58	102	39	139	28	462	73	10	21	104	37	41	78	..	32	1,031	,, 10 to 14
,, 15 to 19 ..	1	18	..	44	5	68	82	85	97	54	288	76	70	34	65	56	77	378	39	65	10	8	5	127	53	24	41	67	26	122	20	353	85	5	17	107	25	37	62	..	24	1,419	,, 15 to 19
,, 20 to 24 ..	1	18	..	65	8	92	110	79	146	65	399	81	62	31	89	82	73	418	65	74	13	7	8	167	63	38	57	75	42	139	17	431	83	10	25	118	39	29	68	..	44	1,744	,, 20 to 24
,, 25 to 29 ..	1	28	1	58	13	100	72	67	128	67	333	69	74	34	70	63	100	410	69	78	12	8	9	176	104	23	79	108	37	166	23	560	96	10	23	129	47	67	114	..	42	1,874	,, 25 to 29
,, 30 to 34 ..	3	18	..	49	9	79	77	66	127	64	334	39	66	45	72	50	81	353	66	37	8	11	17	139	69	34	77	101	67	137	14	499	75	10	24	109	49	47	96	1	30	1,650	,, 30 to 34
,, 35 to 39 ..	2	12	1	33	8	51	34	51	64	43	192	26	48	34	38	49	64	268	28	52	19	4	10	106	45	20	32	63	29	85	10	286	51	1	17	69	41	24	65	..	38	1,075	,, 35 to 39
,, 40 to 44 ..	4	4	..	39	3	50	64	48	83	50	230	42	47	23	37	51	59	259	42	33	5	6	12	98	40	24	55	81	37	97	16	350	47	5	14	66	26	38	64	..	22	1,139	,, 40 to 44
,, 45 to 49 ..	..	4	..	28	1	33	20	19	40	21	100	21	23	20	28	21	32	165	15	22	12	1	9	59	24	11	18	39	22	62	18	194	41	8	14	63	20	13	33	..	20	603	,, 45 to 49
,, 50 to 54 ..	..	7	..	29	5	41	35	38	68	30	171	25	38	22	44	29	41	209	32	29	6	4	4	75	37	18	39	62	18	63	10	247	34	2	8	44	14	30	44	..	26	844	,, 50 to 54
,, 55 to 59 ..	1	2	..	33	1	37	21	19	21	19	80	24	34	9	14	16	13	110	9	25	4	2	5	45	11	6	9	26	5	19	2	78	12	2	6	20	6	8	14	1	7	391	,, 55 to 59
Over 60 years ..	4	38	..	127	7	176	153	153	332	98	736	121	138	62	149	128	118	716	100	109	23	9	22	263	126	51	158	171	89	258	46	876	115	13	31	159	47	67	114	1	42	3,073	Over 60 years
All Ages	22	242	2	749	89	1116	979	919	1574	820	4292	800	914	476	865	832	1018	4905	721	765	156	92	174	1908	886	445	820	1206	590	1308	294	6049	981	95	298	1374	602	575	1177	4	418	21245	All Ages.

DEATHS at different AGES in different LOCALITIES during the Year beginning 1st January 1898.

PERSONS.	A					B					C						D					E							F			G					PERSONS.
	Fort, Colaba.	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chinchla.	Umarkhadi.	Dongri.	Total.	Mariket.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st N'agpada.	Total.	Parel.	Sewri.	Sion.	Total.	Wadi Bunder.	Mahim.	Worli.	Total.	Non-Resident and Unknown.	Total.	
Ages.	1	2	3	4	5	6	Total.	1	2	3	4	Total.	1	2	3	4	5	6	Total.	1	2	3	4	5	Total.	1	2	3	4	5	6	7	Total.	1	2	3	Total.		1	2	Total.			Ages.
Days 1 to 30	4	40	1	60	21	12	138	73	73	128	81	355	60	68	38	69	76	61	392	60	49	19	18	13	159	91	60	63	106	73	181	25	499	97	31	47	175	73	68	131	272	43	1,961	Days 1 to 30
Months 1 to 6	2	12	1	60	15	123	213	116	134	99	535	63	80	38	68	98	96	43	432	82	55	17	11	21	186	85	64	84	94	63	149	33	574	90	9	37	136	68	66	121	255	15	1,703	Months 1 to 6
,, 7 to 12	6	25	1	71	13	116	214	114	94	156	97	461	77	99	34	64	91	82	488	83	62	12	10	15	182	175	93	64	72	104	85	201	36	655	124	5	43	172	59	60	119	21	2,173	,, 7 to 12
Years 1 to 2	1	16		72	3	96	94	70	129	76	369	93	78	29	54	83	81	388	55	52	10	9	10	136	87	41	39	31	76	144	31	523	68	8	31	127	62	32	101	15	1,703	Years 1 to 2
,, 2 to 3	1	10		20	2	39	33	32	62	28	155	24	35	18	19	29	43	168	31	30	5	8	4	78	51	18	29	47	24	86	11	266	45	4	12	61	30	18	48	12	681	,, 2 to 3
,, 3 to 4	1	7	1	14	2	27	17	19	35	23	94	11	26	12	13	23	29	114	21	15	6	3	4	49	29	15	12	32	18	43	8	157	28	4	16	48	18	14	32	10	526	,, 3 to 4
,, 4 to 5		2	3	3	2	14	36	15	21	18	17	71	17	16	17	23	19	110	17	24	2	2	0	56	20	9	26	32	13	52	13	165	20	2	10	32	13	9	22	4	514	,, 4 to 5
,, 5 to 9	5	31		67	9	106	80	83	139	79	380	77	73	57	70	61	101	439	77	38	26	5	23	219	92	34	71	115	57	233	39	640	105	14	25	144	67	47	114	4	2,08	,, 5 to 9
,, 10 to 14	1	22		116	15	174	145	146	243	124	658	125	137	68	138	108	164	738	107	122	21	10	20	280	160	44	104	203	88	297	68	960	157	15	42	214	81	88	169	5	3,221	,, 10 to 14
,, 15 to 19	3	35	1	195	15	299	167	122	195	118	580	158	161	70	156	107	140	835	99	141	27	18	39	319	156	56	82	148	73	254	52	798	172	13	35	221	80	74	154	1	3,442	,, 15 to 19
,, 20 to 24	16	65	1	184	28	286	262	192	276	77	807	279	210	114	211	172	237	1223	173	208	33	19	30	463	146	98	125	206	153	296	41	1135	209	23	65	297	109	98	207	10	4,726	,, 20 to 24
,, 25 to 29	18	74	2	178	36	307	267	173	312	237	989	243	214	130	204	153	318	1262	218	210	29	20	21	498	259	104	150	295	184	434	74	1500	262	26	58	346	130	172	302	7	4,619	,, 25 to 29
,, 30 to 34	13	75	3	188	34	313	240	145	320	184	889	198	240	130	213	153	277	1212	191	170	31	26	16	434	187	103	180	270	164	422	61	1387	243	29	79	351	127	119	246	7	4,113	,, 30 to 34
,, 35 to 39	4	55	3	122	18	203	134	130	202	142	608	161	158	94	154	122	156	857	101	139	28	14	26	324	137	58	95	170	79	262	37	849	169	8	39	207	82	83	165	6	3,387	,, 35 to 39
,, 40 to 44	13	28	1	128	13	175	173	108	224	116	621	141	140	62	146	117	156	764	105	94	18	16	36	269	112	67	130	219	92	256	45	921	143	23	39	205	64	94	157	4	2,257	,, 40 to 44
,, 45 to 49	7	23		73	3	109	85	83	110	63	340	89	112	46	84	62	79	472	57	68	27	8	24	184	76	25	47	77	44	120	19	408	65	3	17	85	39	23	62	5	1,771	,, 45 to 49
,, 50 to 54	1	25	1	91	10	123	107	100	159	76	442	125	129	50	132	75	111	622	85	69	18	11	15	198	77	38	102	146	49	153	26	591	82	8	26	116	52	62	104	5	2,29	,, 50 to 54
,, 55 to 59	2	17	1	74	5	91	56	48	69	36	209	57	69	21	51	41	80	269	20	46	18	11	12	107	35	17	30	59	14	40	7	202	33	7	10	50	40	14	54	5	1,044	,, 55 to 59
,, 60 and over	8	74	2	253	32	369	319	307	492	186	1303	251	287	117	329	293	283	1860	194	216	53	37	46	546	229	109	321	370	145	474	71	1719	207	39	90	336	178	135	313	13	6,25	,, 60 and over
All Ages..	110	681	17	1924	250	2982	2501	2059	3472	1953	9985	2223	2368	1144	2164	1890	2562	12351	1785	1852	405	280	484	4787	2072	1025	1792	2801	1443	4204	685	14042	2342	251		722	3325	1402	1261	2663	77	1,867	All Ages.

	A					B					C						D					E							F			G					
	Fort, Colaba.	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chinchla.	Umarkhadi.	Dongri.	Total.	Mariket.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st N'agpada.	Total.	Parel.	Sewri.	Sion.	T'otal.	Wadi Bunder.	Mahim.	Worli.	Total.	Non-Resident and Unknown.	Total.
	1	2	3	4	5			1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3			1	2			

DEATHS at different LOCALITIES in different MONTHS arranged in Quarters for the Year beginning 1st January 1898.

MALES.	A					B					C							D						E							F			G						MALES.
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chuckla.	Oomarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Famanwadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.		
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2				
January	8	87	..	237	32	324	178	272	326	158	934	277	188	81	310	164	250	1270	124	162	19	10	20	335	91	87	135	243	98	218	75	914	112	19	34	165	57	33	90	5	143	4,190	60	4,190	January.
February	6	61	3	241	27	427	177	196	253	164	790	387	231	160	241	174	198	1357	199	258	27	23	28	535	166	84	145	223	153	347	47	1225	128	17	45	185	69	63	132	8	320	5,089	51	5,038	Fe ruary.
March	12	76	4	152	37	281	185	180	210	160	695	198	232	146	164	178	219	1179	247	226	32	29	36	770	224	129	142	246	200	395	69	1648	332	21	67	441	145	132	278	5	338	5,822	66	4,859	March.
Quarter 1st ..	26	184	7	730	96	1032	540	698	788	482	2429	862	604	417	715	468	660	4006	570	746	78	62	134	1640	541	253	422	772	451	1167	191	3787	572	57	146	791	271	229	50	18	706	14,101	177	14,784	Quarter 1st.
April	8	48	3	46	11	113	113	91	127	66	397	69	80	28	95	92	91	464	83	59	41	31	49	263	229	67	69	145	64	246	15	939	247	37	88	372	130	128	258	2	134	3,956	49	3,901	April.
May	2	19	1	41	5	68	93	71	74	43	301	45	52	18	68	53	73	314	34	50	11	13	25	133	53	33	61	81	48	169	14	468	94	13	38	145	62	40	102	4	69	1,570	70	1,506	May.
June	3	18	..	28	4	53	80	34	90	46	249	37	52	14	80	55	63	351	37	29	7	4	12	89	26	30	44	69	32	84	11	288	58	6	18	80	28	36	64	1	45	1,123	60	1,063	June.
Quarter 2nd ..	13	85	4	115	20	237	286	196	311	144	937	150	185	71	190	200	233	1629	154	131	59	48	86	478	318	130	185	295	144	498	40	1696	399	56	144	599	221	205	426	7	248	6,648	179	6,470	Quarter 2nd.
July	6	24	..	33	7	70	124	52	118	56	349	56	50	28	45	73	67	314	39	23	10	7	11	90	47	28	44	64	49	85	15	332	65	11	27	103	53	44	97	2	55	3,419	95	1,317	July.
August	8	36	2	53	9	106	121	74	163	82	440	69	66	24	93	87	116	451	69	39	11	5	19	143	59	38	63	103	52	93	22	430	76	11	20	107	61	47	108	4	67	1,865	83	1,776	August.
September	8	39	..	68	15	130	143	77	137	119	546	93	69	26	84	81	154	507	47	33	10	13	16	119	79	27	81	139	84	125	28	546	73	9	26	108	65	36	101	3	108	2,159	101	2 058	September.
Quarter 3rd ..	22	99	2	144	31	296	408	203	418	257	1335	218	185	78	216	241	337	1272	155	95	31	25	46	351	185	93	188	305	185	306	75	1317	214	31	73	318	179	127	306	11	230	5,426	285	5,15	Quarter 3rd.
October	12	31	..	83	11	105	165	74	176	122	537	98	62	37	74	67	151	487	86	47	16	11	16	176	90	59	68	114	57	127	25	534	60	14	19	93	55	68	123	2	100	2,147	93	2,054	October.
November	5	18	..	62	11	96	99	48	103	61	311	53	62	40	55	53	81	343	59	41	11	10	7	128	47	33	53	86	44	115	22	392	58	6	23	87	49	40	89	4	93	1,483	102	1,379	November.
December	4	36	..	94	11	135	77	69	131	74	351	92	87	42	78	69	109	477	61	56	9	13	33	172	80	33	69	100	43	160	35	520	104	13	25	142	71	53	124	4	75	2,001	77	1,924	December.
Quarter 4th ..	20	75	..	239	33	337	331	185	410	270	1196	240	209	119	204	189	338	1299	206	144	36	34	56	482	217	125	190	300	144	402	82	1436	236	33	67	311	166	161	327	10	233	5,631	274	5,357	Quarter 4th.
Total..	80	443	13	1189	170	1902	1569	1182	1974	1173	5897	1450	1183	685	1325	1098	1568	7609	1085	1116	254	176	321	2951	1228	601	1001	1642	904	2464	398	8236	1399	175	443	2017	837	722	1559	46	1419	61,683	..	..	Total.
Still-born	2	4	..	21	9	36	47	42	76	38	204	27	29	12	28	40	24	160	21	28	8	5	7	77	40	21	29	47	31	68	7	243	38	9	19	66	37	98	73	..	61	..	913	..	Still-born.
Total.exclusiveof Still-born.	78	439	13	1175	161	1866	1522	1140	1898	1135	5693	1423	1154	673	1297	1058	1544	7449	1064	1088	246	171	314	2874	1188	580	972	1595	873	2396	391	7995	1361	166	424	1951	800	696	1496	46	1353	..	..	30,778	Total. exclusive of Still-born.

	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2				
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chuckla.	Oomarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Famanwadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.		
	A					B					C							D						E							F			G						
Non-resident and Unknown.																																							1,353		
Bombay.																																							..	..	30,778
Still-born.																																							..	913	..
Total, exclusive of Still-born.																																							..	..	30,778

DEATHS at different LOCALITIES in different MONTHS, arranged in Quarters, for the Year beginning 1st January 1898.

FEMALES.	A					B					C							D						E							F			G						FEMALES.
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chakla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khotwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	Znd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Drinking.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of Still-born.	
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2							
January	1	33	..	152	8	200	89	169	233	131	622	127	128	61	161	106	154	746	89	30	8	9	8	204	65	35	118	191	71	138	51	640	67	9	21	97	33	27	60	..	43	2812	43	2855	January.
February	2	23	..	189	6	227	103	160	177	111	551	109	223	129	174	111	137	973	111	166	20	8	17	330	176	48	109	197	93	222	51	833	87	6	38	131	46	48	94	1	67	3194	75	3269	February.
March	5	42	..	110	16	173	117	144	192	113	566	114	226	90	97	91	139	756	157	221	65	20	37	500	194	88	93	188	117	422	39	1141	259	9	46	314	81	106	186	..	58	3971	41	4012	March.
Quarter 1st ..	8	111	..	451	30	600	309	473	602	355	1739	350	577	280	432	307	440	2427	357	417	93	37	62	1034	435	171	309	576	281	782	141	2614	413	23	105	542	160	181	341	2	168	9477	159	9636	Quarter 1st.
April	5	28	..	40	8	81	107	61	120	40	328	49	60	20	68	52	89	354	60	70	25	18	37	208	163	43	86	108	59	276	19	754	163	29	64	256	94	109	203	..	40	2226	32	2197	April.
May	3	13	1	32	8	57	64	100	45	276	485	38	122	53	58	89	264	46	33	5	11	7	11	97	60	33	56	72	32	134	15	402	88	13	14	115	64	42	106	..	21	1337	45	1292	May.
June	1	7	1	23	8	40	60	83	39	222	404	27	31	9	31	59	98	255	26	24	10	7	13	80	38	23	52	55	38	67	9	282	54	7	17	78	41	32	73	1	21	983	48	935	June.
Quarter 2nd ..	9	47	2	95	21	178	224	244	204	538	1217	114	213	82	157	200	451	1115	119	99	46	32	61	357	261	99	194	235	129	477	43	1439	305	49	95	449	199	183	382	1	82	4549	125	4424	Quarter 2nd.
July	4	7	..	22	1	34	64	43	112	31	249	32	28	21	38	56	44	219	24	22	9	7	9	71	42	26	34	56	25	77	18	280	47	7	15	69	53	36	89	1	11	1023	45	978	July.
August	1	13	..	38	4	56	105	58	37	68	268	42	42	17	64	93	75	333	41	33	10	2	4	90	48	36	58	73	36	80	21	352	46	8	18	87	48	43	88	..	55	1206	80	1126	August.
September	6	29	..	51	3	89	98	77	143	73	389	49	38	23	46	87	80	323	45	29	3	10	14	101	41	33	58	101	46	103	19	403	54	8	19	76	37	39	76	..	43	1458	76	1382	September.
Quarter 3rd ..	11	41	..	85	16	183	235	177	292	172	906	123	108	60	148	236	199	875	110	84	22	19	27	262	131	95	167	232	107	260	58	1035	147	23	52	232	138	118	253	1	90	3687	201	3486	Quarter 3rd
October	1	15	..	29	8	53	89	60	125	77	351	53	40	21	61	69	93	346	54	27	6	6	12	105	57	33	71	88	53	117	30	449	45	4	22	71	46	44	90	1	52	1515	64	1451	October.
November	3	20	..	43	10	76	69	45	105	67	286	31	39	33	56	48	86	293	37	27	1	3	7	75	41	29	46	61	17	99	13	306	42	8	13	63	41	28	70	1	29	1165	66	1099	November.
December	4	14	2	72	12	104	51	51	100	50	252	34	55	23	55	44	64	295	41	43	3	6	8	99	44	24	54	63	23	115	24	327	60	3	24	96	48	34	82	..	15	1316	57	1259	December.
Quarter 4th ..	8	49	2	143	30	233	209	156	330	204	889	138	142	76	172	159	243	934	132	97	10	15	27	279	142	86	181	222	93	331	67	1172	156	15	59	230	135	111	246	1	96	3996	187	3809	Quarter 4th.
Year	36	248	4	774	97	1193	1007	954	1617	852	4430	813	931	493	894	854	1038	5013	721	701	169	95	177	1956	909	454	851	1228	607	1857	299	6215	1021	100	310	1431	629	553	1229	4	468	21897	654	21242	Year.
Still-born	3	6	..	28	8	45	28	38	43	32	139	13	17	7	29	22	20	108	10	26	6	3	3	48	23	9	31	32	17	49	6	168	40	5	12	57	27	18	45	..	60	..	454	..	Still-born.
Total, exclusive of Still-born..	32	242	4	749	89	1148	979	916	1574	820	4292	800	914	476	865	832	1018	4905	721	675	163	92	174	1908	886	445	820	1196	590	1808	294	6047	981	95	298	1374	602	535	1177	4	408	..	..	21243	Total, exclusive of Still-born.

	A					B					C							D						E							F			G						
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chakla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khotwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Drinking.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of Still-born.	
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2							

XX

DEATHS at different LOCALITIES in different MONTHS,

PERSONS.	A						B					C					
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.
	1	2	3	4	5	Total.	1	2	3	4	Total.	1	2	3	4	5	6
January	9	96	..	389	30	524	267	441	559	299	1566	404	316	142	471	269	414
February	7	81	3	530	33	654	280	336	429	276	1341	557	608	328	415	287	335
March.....	17	118	4	262	53	454	306	244	392	279	1221	312	531	243	251	219	351
Quarter 1st ..	33	295	7	1181	116	1632	853	1041	1380	854	4128	1273	1455	713	1137	775	1100
April	10	76	3	86	19	194	220	152	247	96	715	117	140	68	163	150	180
May	4	31	2	73	10	120	160	135	194	88	577	90	91	31	118	111	137
June	9	26	1	49	12	96	130	87	173	81	471	64	83	23	61	111	99
Quarter 2nd..	23	133	6	208	41	410	510	374	614	265	1763	271	314	122	342	372	416
July	10	31	..	55	8	104	188	94	227	89	598	88	73	44	83	129	111
August	7	48	2	91	13	161	226	132	300	150	808	111	106	41	153	180	191
September	14	61	..	83	26	184	259	154	330	192	935	142	107	48	130	148	234
Quarter 3rd ..	31	140	2	229	47	449	673	380	857	431	2341	341	286	133	366	457	536
October	12	46	..	81	19	158	254	184	301	199	888	149	111	58	135	136	244
November.....	8	39	..	105	21	172	158	93	208	128	587	83	99	72	111	99	140
December.....	8	40	2	166	23	239	128	114	231	147	620	146	142	65	130	113	170
Quarter 4th..	28	124	2	352	63	569	540	341	740	474	2095	378	352	195	376	348	554
Total..	115	691	17	1970	267	3060	2576	2136	3591	2024	10327	2263	2414	1163	2221	1952	2606
Still-born	5	10	..	46	17	78	75	77	119	71	342	40	46	19	57	62	44
Total, exclusive of Still-born.	110	681	17	1924	250	2982	2501	2059	3472	1953	9985	2223	2368	1144	2164	1890	2562
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.
	A						B					C					

XV.

ranged in Quarters, for the Year beginning 1st January 1898.

Total.	D						E								F				G			Water Division.	Non-residents and Unknown.	BOMBAY.			PERSONS.
	Khatwadi.	Girgaum.	Chaupati.	Walkeshwar.	Malabarhill.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.				Still-born.	Total, exclusive of Still-born.	
	1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2							
2010	213	252	37	19	28	539	156	92	251	407	169	353	128	1354	178	28	55	262	90	60	150	5	186	6802	103	6899	January
2630	310	424	47	29	45	855	282	132	245	489	245	576	98	2058	310	22	80	412	115	112	227	9	297	8283	196	8477	February
1907	404	553	147	49	123	1276	478	200	235	434	317	1017	108	2789	592	30	135	757	226	238	464	5	430	9303	197	9198	March
6453	927	1229	221	97	196	2670	916	424	731	1321	731	1946	332	6401	930	80	270	1331	431	410	841	19	913	24318	316	24072	Quarter 1st
816	143	152	66	47	36	494	265	116	166	253	123	622	34	1579	430	66	152	628	224	238	462	2	174	5185	91	5104	April
578	80	53	13	18	36	200	123	65	117	153	81	303	29	871	182	26	52	260	127	82	209	4	94	2913	115	2798	May
441	63	53	17	11	25	189	65	52	96	114	67	151	20	565	112	11	35	158	69	68	137	2	60	2106	103	1998	June
1837	286	258	96	76	147	863	574	232	379	520	271	1076	83	3135	704	103	239	1046	420	384	808	8	331	10304	304	9300	Quarter 2nd
533	63	45	19	14	20	161	89	54	78	122	74	169	38	612	112	18	42	172	106	80	186	3	66	2435	140	2295	July
784	110	72	21	7	28	238	107	74	131	175	98	173	53	801	122	14	38	174	106	90	196	4	103	3264	169	3095	August
809	92	62	13	23	29	219	120	60	146	240	110	231	47	954	127	12	45	184	102	75	177	5	151	3818	179	3639	September
2126	268	179	53	44	72	613	316	189	355	537	272	564	138	2367	361	44	125	530	314	245	559	12	320	9317	488	8829	Quarter 3rd
833	140	74	29	17	28	281	177	92	153	212	100	241	55	930	101	18	34	153	101	112	213	3	122	2664	157	2507	October
604	96	68	12	19	14	203	88	62	101	127	61	224	33	696	100	14	36	150	81	73	154	4	78	2646	170	2476	November
766	102	99	28	17	41	277	124	57	138	163	66	276	69	877	173	16	49	238	119	87	206	4	90	3311	134	3177	December
2203	338	241	69	53	83	761	329	211	392	502	227	741	157	2549	374	48	119	541	301	272	573	11	320	9621	461	9160	Quarter 4th
12215	1816	1807	416	270	488	4907	2135	1055	1852	2880	1511	4321	697	14451	2420	275	753	3448	1466	1315	2781	50	1887	53430	..	51961	Total
368	31	54	11	10	14	120	63	30	60	79	48	117	12	409	78	11	31	123	64	54	118	..	111	..	1589	...	Still-born
12583	1785	1853	405	260	474	4787	2072	1025	1792	2801	1463	4204	685	14042	2342	264	722	3325	1402	1261	2663	50	1776	..	..	51961	Total, exclusive of Still-born

Total.	D						E								F				G			Water Division.	Non-residents and Unknown.	BOMBAY.			PERSONS.
	Khatwadi.	Girgaum.	Chaupati.	Walkeshwar.	Malabarhill.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.				Still-born.	Total, exclusive of Still-born.	
	1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2							

XXX

DEATHS in different LOCALITIES in different

Year beginning

Races and Castes.	A						B					C									
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	
	1	2	3	4	5	Total.	1	2	3	4	Total.	1	2	3	4	5	6	Total.	1	2	
Jains	5	21	..	128	..	154	269	117	72	53	511	349	67	56	450	56	41	1019	24	59	
Brahmins	..	6	..	71	3	80	186	38	36	14	274	194	98	199	213	15	30	749	40	276	
Lingaets	..	6	..	..	..	6	4	..	1	2	7	7	4	..	..	8	28	47	2	1	
Bhatias	..	..	..	141	..	141	129	13	..	1	143	92	56	2	4	..	1	155	4	6	
Hindoos of other Castes	44	493	8	697	86	1328	1546	444	1170	1667	4827	1215	1265	814	771	513	2106	6683	1171	1361	
Hindoos Low-castes	30	78	2	126	116	351	33	31	116	147	327	24	151	6	67	238	147	632	19	30	
Mussulman	13	42	4	91	30	180	362	1479	2016	107	3964	170	96	36	697	1.63	234	2315	314	70	
Parsees	3	8	..	628	9	648	1	3	21	2	27	170	386	31	12	19	11	629	197	29	
Jews	..	1	..	3	2	6	17	4	71	21	113	..	..	..	..	1	1	2	..	..	
Native Christians	3	19	3	65	10	100	20	2	30	9	61	38	275	18	2	3	6	342	45	64	
Eurasians	1	5	..	7	6	19	2	..	13	..	15	2	13	1	..	2	..	18	1	10	
Europeans	16	13	..	12	4	45	..	2	1	..	3	1	..	..	..	..	..	1	1	..	
Negro-Africans	..	..	..	1	..	1	5	3	39	..	47	..	..	..	4	11	1	16	..	..	
Buddhists	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	5	..	7	..	..	
Other and Unknown Castes and Races.	..	..	..	1	1	2	2	..	5	1	8	1	2	1	..	..	..	4	1	1	
All Races and Castes	115	681	17	1970	267	3050	2576	2136	3591	2024	10327	2263	2414	1163	2221	1952	2006	12019	1816	1907	
Still-born	5	10	..	46	17	78	75	77	119	71	342	40	46	19	57	62	44	268	31	54	
Total, exclusive of Still-born	110	681	17	1924	250	2982	2501	2059	3472	1953	9985	2223	2368	1144	2164	1890	2582	12351	1785	1853	
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	
	A						B					C									

VI.

RACES and CASTES in the CITY of BOMBAY during the 1st January 1898.

D				E								F				G							RACES AND CASTES.
Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of Still-born.	
3	4	5		1	2	3	4	5	6	7		1	2	3		1	2							
21	23	9	139	26	19	11	32	21	58	7	167	30	8	16	49	26	8	34	..	84	2157	37	2120	Jains.
22	28	17	383	15	14	14	30	17	54	18	162	69	2	39	71	56	18	74	..	24	1817	43	1774	Brahmins.
..	..	..	3	..	..	2	6	1	11	35	55	7	..	..	7	..	4	4	..	..	128	3	125	Lingaets.
1	10	3	21	..	..	..	..	..	..	..	..	4	1	6	11	22	..	22	..	2	405	12	43	Bhatias.
321	152	376	3381	1337	733	337	1558	797	2212	500	7474	1643	231	449	2323	826	848	1674	15	988	28502	698	28004	Hindoos of other Castes.
6	11	20	86	93	78	215	670	389	669	8	2122	367	9	44	420	195	304	499	..	49	4486	248	4238	Hindoos Low Castes.
6	7	28	425	389	121	1219	524	190	1158	124	3725	223	23	103	349	165	78	243	25	395	11621	360	11261	Mussulman.
33	27	27	313	66	4	5	7	36	18	..	136	69	3	11	83	14	6	20	..	68	1924	67	1857	Parsees.
..	..	..	..	11	10	8	4	..	24	4	61	3	..	..	3	1	..	1	..	8	194	9	185	Jews.
2	7	16	134	149	68	17	44	41	82	..	401	31	3	84	118	154	43	197	..	99	1452	47	1405	Native Christians.
..	1	..	12	32	9	4	3	10	17	1	76	4	..	1	5	4	3	7	1	48	201	5	196	Eurasians.
..	4	2	7	13	6	..	..	7	16	..	42	9	..	..	9	2	3	5	6	96	214	12	202	Europeans.
..	..	..	..	2	..	18	..	2	1	..	23	..	..	1	1	1	..	1	2	1	92	2	90	Negro-Africans.
..	..	..	..	..	..	1	1	..	..	..	2	..	..	..	..	..	..	..	1	2	12	..	12	Buddhists.
1	..	..	3	2	..	1	1	..	1	..	5	..	..	..	..	..	..	..	..	23	45	36	9	Other and Unknown Castes and Races.
416	270	498	4907	2135	1055	1852	2880	1511	4321	697	14451	2420	275	753	3448	1466	1315	2781	50	1887	53530	1569	51961	All Races and Castes.
11	10	14	120	63	30	60	79	48	117	12	409	78	14	31	123	64	54	118	..	111	..	1569	..	Still-born.
405	260	484	4787	2072	1025	1792	2801	1463	4204	685	14042	2342	261	722	3325	1402	1261	2663	50	1776	..	..	51961	Total, exclusive of Still-born.

D				E								F				G							
Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of Still-born.
3	4	5		1	2	3	4	5	6	7		1	2	3		1	2						

XXX

DEATHS in different OCCUPATIONS from different CAUSES in

	Occupation or Trade of Family.	General Diseases.											
		A											
		Small-pox.	Measles.	Fever.		Ague.	Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
				Enteric Fever.	Simple Continued							
	CLASS I.—PROFESSIONAL.											
	1. General Government.											
	(a) *Imperial.*											
1	His Excellency the Governor	...	...	...	...	...	...	...	...	...	...	...
2	Governor's Family	...	...	...	...	...	...	...	...	...	...	...
3	Government Officials in Civil employ (including Police)	...	...	...	...	...	4	...	36	...	...	...
	(b) *Local and Municipal Government.*											
4	Persons employed under Municipal and Local Bodies (including Police)	...	...	2	1	...	34	2	174	7	...	...
	(c) *Foreign Governments and Native States.*											
5	Consuls	...	...	...	...	...	...	...	...	...	...	...
6	Native Chiefs, their Staff and Retinue	...	...	...	...	...	...	...	...	...	...	...
	2. Defence.											
	(a) *Army.*											
7	Officers, effective (including Non-Combatants)	...	...	..	...	...	...	...	1	...	...	...
8	Soldiers	...	...	1	...	1	5	...	11	...	..	...
9	Army Pensioners, &c.	...	...	...	...	...	...	...	5	...	...	...
	(b) *Navy.*											
10	Naval Officers	...	...	...	...	...	...	...	1	...	...	...
11	Seamen (Government)	...	...	...	...	...	...	...	...	...	...	...
12	Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	...
	3. Learned Professions, &c.											
	(a) *Ecclesiastical.*											
13	Ministers of Religion, Priests and persons officiating in Churches, Temples, and Mosques, &c.	...	...	...	...	...	2	...	29	...	...	...
14	Missionaries	...	...	...	...	...	...	...	1	...	...	...
15	Devotees, Bhikshuks, Fakirs, &c.	1	...	...	1	...	7	2	61	1	...	1
16	Servants and Officers of Religious Institutions	...	...	...	...	...	...	...	...	..	...	...
	(b) *Law.*											
17	Barristers and Advocates	...	...	...	...	...	...	...	...	...	...	...
18	Solicitors and Attorneys	...	...	...	...	...	...	...	...	...	...	...
19	Pleaders and Vakils	...	...	...	...	...	...	...	1	...	...	...
20	Law Agents, Interpreters, Mukhtiars, Petition Writers, &c.	...	...	...	...	...	...	...	...	...	...	...

VII.

the City of BOMBAY for the Year beginning 1st January 1898.

B	Local Diseases.															Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion and Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
5	5	...	2	...	5	1	...	5	1	...	...	...	...	...	...	...	...	3	1	...	68
36	6	...	6	...	55	16	25	8	3	4	...	...	...	...	3	1	...	1	...	...	384
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	2	...	1	...	5	...	3	6	...	...	1	...	...	...	...	...	...	3	1	...	1
3	...	...	...	...	7	...	...	...	...	...	...	...	...	...	2	...	...	1	...	...	45
...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	1	...	18
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
5	2	...	1	...	7	...	2	2	...	...	...	...	...	...	...	...	2	...	...	...	52
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
18	3	...	2	...	14	13	7	3	3	...	...	1	...	...	1	1	...	1	...	...	141
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1

	Occupation or Trade of Family.	General Diseases. A											
		Small-pox.	Measles.	Fevers. Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
	CLASS I.—PROFESSIONAL—*contd.*											
	3. Learned Professions, &c.—*contd.*											
	(c) *Medical.*											
21	Physicians and Surgeons (*Licensed*)	...	...	1	...	...	2	...	6	1	...	...
22	Medical Assistants, &c.	...	...	...	...	...	2	..	15	...	...	1
23	Vaids, Hakims and Unlicensed Practitioners.	...	...	...	...	1	2	...	7	...	...	...
24	Dentists	...	...	...	...	...	...	...	...	...	...	...
25	Chemists and Druggists	...	...	...	...	...	1	...	3	...	...	...
26	Midwives and Nurses	...	...	1	2	...	8	...	25	1	...	1
	(d) *Literature, &c.*											
27	Editors, Authors	...	...	...	...	...	...	...	...	...	...	...
28	Reporters	...	...	...	...	...	...	...	...	...	...	...
29	Officers of Literary Institutions	...	...	...	...	...	...	...	...	...	...	...
	(e) *Artists, &c.*											
30	Painters (*Artists*)	...	...	...	...	...	...	...	...	...	...	...
31	Sculptors	...	...	...	...	...	...	...	...	...	...	...
32	Photographers	...	...	...	...	...	1	...	3	...	...	...
33	Drawing Masters	...	...	...	...	...	...	...	...	...	...	...
	(f) *Musicians.*											
34	Music Masters and Players	...	...	...	...	...	...	...	6	...	...	...
	(g) *Actors, &c.*											
35	Actors, Actresses	...	...	...	...	...	...	...	2	...	...	...
36	Theatre Service	...	...	...	...	...	...	...	...	...	...	...
37	Dancers, Naikins, &c.	...	...	...	...	...	1	...	2	...	...	...
38	Jugglers, Snake Charmers, &c.	...	...	...	...	...	...	...	...	...	...	...
39	Billiard Room Keepers, &c.	...	...	...	...	...	1	...	1	...	...	...
40	Cricket Club, Gymkhana Service	...	...	...	...	...	...	...	1	1	...	...
	(h) *Teachers, &c.*											
41	School Masters, Mistresses	...	...	...	...	...	1	...	9	...	...	...
42	Professors, Teachers, &c.	...	...	...	...	...	...	...	4	...	...	1
43	Service of Educational Institutions	...	...	...	...	...	...	...	...	...	...	...
	(i) *Science.*											
44	Civil Engineers	...	...	...	...	1	...	...	4	...	...	...
45	Museum, &c., Service	...	...	...	...	...	...	...	...	...	...	...
	CLASS II.—DOMESTIC. 4. Omitted.											

VII—*continued.*

B	Local Diseases.													Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.		Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.														
1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
1	...	...	1	...	7	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	21
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	3	...	8	1	...	1	...	1	...	...	...	...	...	2	...	...	...	...	1	59
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
9	2	...	2	...	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
5	...	...	1	...	3	1	2	2	1	...	...	...	...	...	...	...	...	...	...	...	...	25
7	2	...	...	...	6	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	22
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	2	...	1	...	2	1	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	14
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	General Diseases. A											
	Small-pox.	Measles.	Fevers. Enteric Fever.	Fevers. Simple Continued.	Ague.	Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS II.—DOMESTIC—*contd.*											
5. Entertainers, &c.											
(a) *Board and Lodging.*											
46 Hotel and Inn Keepers	...	...	...	...	...	...	...	7	...	...	...
47 Lodging-house Keepers	...	...	...	...	...	...	...	...	...	...	...
48 Refreshment Houses	...	...	...	...	...	...	...	...	...	...	...
49 Institution Service, &c.	...	...	...	...	...	...	...	...	...	...	...
50 Service of Clubs	...	...	...	...	...	...	...	...	...	...	...
51 Mess Contractors, &c.	...	...	...	...	...	1	...	1	...	...	...
(b) *Domestic.*											
52 In-door Servants	1	...	...	2	1	35	6	320	6	...	...
53 Service in Stables, &c.	...	...	...	...	...	...	...	...	...	...	...
54 Dhobis (Washermen)	...	...	...	2	...	21	...	114	6	...	1
55 Bhistis (Water-carriers)	...	...	...	...	...	2	...	19	...	1	...
56 Sweepers (of houses, &c.)	...	...	...	...	...	...	...	3	4	...	...
57 Hotel Service	...	...	...	...	...	...	...	...	...	...	...
58 Keepers of Cook-houses	...	...	...	...	...	...	...	...	...	...	...
59 Servants not otherwise described	...	...	...	2	...	48	3	645	6	...	3
CLASS III.—COMMERCIAL.											
6. Mercantile.											
(a) *Merchants, &c.*											
60 General Merchants	...	...	2	2	1	26	...	175	1	...	2
61 Merchants in Cotton	...	...	...	...	...	2	...	3	...	...	...
62 Merchants in other Special Goods	...	...	...	...	...	...	...	...	...	...	...
63 Bankers	...	...	...	1	...	4	2	75	...	...	...
64 Money-lenders	...	...	...	...	...	3	1	11	...	...	...
65 Service in Banks	...	...	...	...	...	...	...	1	...	...	...
66 Insurance Office Service	...	...	...	...	...	...	...	...	...	...	...
67 Commercial Agents, Brokers, &c.	...	...	...	...	1	14	...	101	1	...	1
68 Salesmen, Bill Collectors, &c.	...	...	...	1	...	1	...	9	...	...	...
69 Auctioneers, House Agents	...	...	...	...	...	...	...	...	...	...	...
70 Accountants, Auditors	...	...	...	...	...	1	...	2	...	...	...
71 Commercial Clerks, &c.	...	...	1	1	1	56	1	294	...	...	2
72 Notaries Public	...	...	...	...	...	...	...	...	...	...	...
73 Capitalists, Shareholders	...	...	...	...	...	...	...	1	...	...	...
74 Emigration Agents	...	...	...	...	...	...	...	...	...	...	...
75 Pawnbrokers	...	...	...	...	...	...	...	...	...	...	...
(b) *Other General Dealers.*											
76 General Dealers and Shopkeepers (*unspecified*)	...	...	...	...	...	...	...	...	...	...	...
77 Itinerant Retailers	...	...	...	...	1	13	...	80	3	...	...
78 Pedlars (*Boxwallahs—Borahs*)	...	...	...	...	...	...	...	3	...	...	...

VII.—*continued.*

B	Local Diseases.														Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.				Unspecified Causes.	Total.
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.			
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.														
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
54	10	...	9	...	34	6	17	16	8	...	2	2	...	...	1	...	5	8	5	...	542
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
60	5	...	...	...	30	5	5	4	1	1	2	...	...	...	...	...	2	...	3	1	263
6	...	...	1	...	1	1	2	...	...	...	...	...	...	...	...	1	...	...	...	...	34
...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	1	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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157	21	...	10	...	91	35	14	30	9	2	4	4	...	...	6	3	6	1	2	1	1083
24	7	...	4	...	33	9	11	8	1	1	...	...	...	...	...	1	...	...	...	...	308
1	...	...	...	...	2	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	1	...	1	4	1	1	...	...	...	...	...	...	...	...	...	...	...	...	92
...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17
...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	1	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	4	...	6	...	27	10	5	11	1	...	...	...	...	...	...	...	...	...	...	...	212
2	...	...	...	...	2	...	2	1	...	...	...	...	...	...	...	...	...	1	...	...	19
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	4
62	9	...	24	...	43	20	21	22	7	1	...	1	...	...	4	2	...	1	6	...	579
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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47	1	...	3	...	34	5	6	6	...	...	2	...	...	...	5	...	2	...	...	...	203
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3

XXX

Occupation or Trade of Family.	General Diseases. A. Fevers. Small-pox.	Measles.	Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS III.—COMMERCIAL—*contd.*											
7. Carriers.											
(a) *On Railways.*											
79 Drivers, Stokers (*A'gwallahs*)	...	...	...	1	...	5	...	17	3	...	1
80 Station Masters, Clerks, Ticket Collectors	...	...	...	...	...	2	...	5	...	...	...
81 Guards, Signalmen, Porters, Police	...	...	...	1	...	7	...	18	2	...	...
82 Agents, Managers, Office Service	...	...	...	...	...	...	...	...	...	...	...
(b) *On Roads.*											
83 Carriage and Horse Litters, Livery Stable Keepers, &c.	...	...	...	...	...	1	...	2	1	...	...
84 Drivers of Public Vehicles (*Buggywallahs, Shigramwallahs, &c.*)	...	...	...	...	...	15	...	67	3	1	...
(c) *Omitted.*											
85 Cart Owners and Drivers (*Gádawallahs*)	...	...	...	1	...	40	2	209	7	1	...
86 Carriers on Pack Animals (*Wanjáras, &c.*)	...	...	...	...	...	...	...	...	...	...	...
(d) *On Seas, &c.*											
87 Ship or Boat Owners	...	...	...	...	...	...	...	...	...	...	...
88 Steam Navigation Service	...	...	...	...	1	1	...	1	1	...	...
89 Seamen (not Government)	2	...	2	2	...	14	4	42	1	...	1
90 Pilots	...	...	...	...	...	...	...	...	...	...	...
91 Boatmen	...	...	...	...	...	1	...	4	...	...	...
92 Dock and Harbour Officials	...	...	...	...	...	1	...	1	...	...	...
93 Dock Labourers	...	...	...	1	...	...	...	1	...	...	...
94 Shipping Surveyors and Agents	...	...	...	...	...	...	...	...	...	...	...
95 Dubashes	...	...	...	...	...	...	...	1	...	...	...
(e) *Storage, &c.*											
96 Warehousemen and Storekeepers	...	...	...	...	...	...	...	...	...	...	...
97 Keepers of Cotton, &c., Presses	...	...	...	...	...	...	...	...	...	...	...
98 Packers, Weighmen, &c.	...	...	...	...	...	1	...	...	...	...	...
(f) *Telegraph (Ry.) and Messages.*											
99 Railway and other Telegraph Service (not Government)	...	...	...	...	...	...	...	...	...	...	...
100 Messengers, Porters, &c. (not Government)	...	...	...	...	2	32	...	127	5	...	...
CLASS IV.—AGRICULTURE, PASTURE AND DEALINGS WITH ANIMALS, &c.											
8. Agriculture and Pasture, &c.											
(a) *Cultivation and Grazing.*											
101 Occupants and Tenants of Land and Cultivators	...	...	...	1	...	1	3	...	20	1	2	1

VII—*continued.*

B	Local Diseases.													Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.						
	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
							Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
	41	4	...	...	...	14	5	4	5	2	...	1	...	...	...	1	...	3	...	1	...	108
	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
	9	...	...	...	...	4	1	2	2	...	...	...	...	...	...	...	...	1	2	...	...	49
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	2	...	...	...	...	1	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	10
	28	4	...	2	...	23	1	4	4	...	...	...	...	...	...	1	...	...	...	...	...	153
	51	5	...	2	...	32	6	8	6	1	...	4	...	...	...	1	...	2	5	...	...	383
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	2	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	...	1	...	...	1	17
	50	8	...	5	...	18	4	3	3	...	...	1	...	...	...	...	...	1	1	...	...	162
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	7
	...	...	...	1	...	...	...	1	2	...	...	...	...	...	...	...	1	...	1	...	...	8
	1	3	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	3	...	...	11
	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	56	2	...	2	...	21	2	10	10	2	...	...	1	...	...	1	2	...	2	...	...	277
	11	2	...	...	...	13	6	3	3	...	...	1	...	...	...	...	...	1	...	...	...	69

Occupation or Trade of Family.	General Diseases. A. Fevers. Small-pox.	Measles.	Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.	Cholera.	Plague.	All other diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS IV.—AGRICULTURE, PASTURE, AND DEALINGS WITH ANIMALS, &c.—*contd.*											
8. Agriculture and Pasture, &c.—*contd.*											
(a) *Cultivation and Grazing*—contd.											
102 Occupants and Tenants of Lands but not Cultivators	...	...	...	...	...	...	...	...	...	...	...
103 Farm Day Servants	...	...	...	...	...	...	...	...	...	...	...
104 Field Labourers	...	...	...	...	...	...	...	...	...	...	...
105 Cattle and Sheep Watchers	...	...	...	...	...	...	...	...	...	...	...
(b) *Gardening, &c.*											
106 Gardeners (*Mali* and *Kachia*)	...	...	...	1	...	7	...	66	1	...	...
107 Growers and Sellers of Flowers and Garlands	...	...	...	...	...	...	...	5	...	...	...
9. Animals.											
108 Horse Dealers, &c.	...	...	...	...	...	...	...	...	...	...	...
109 Jockey Grooms (not domestic service)	...	...	...	1	...	14	2	164	7	...	...
110 Veterinary Surgeons, Farriers	...	...	...	...	...	2	...	1	...	...	...
111 Horse-shoers (*Nalband*)	...	...	...	...	...	...	...	3	...	...	...
112 Cattle and Sheep Breeders (*Dhangar, &c., Wanjari*)	...	...	...	...	...	...	...	...	...	...	...
Fishers.											
113 Fishermen, &c.	...	...	...	...	1	6	...	56	...	...	1
114 Shikaries and Bird Catchers and Sellers	...	...	...	...	...	...	...	...	...	...	...
115 Leech Dealers	...	...	...	...	...	...	...	...	...	...	...
CLASS V.—INDUSTRIAL.											
10. Art and Mechanical Productions.											
(a) *Books.*											
116 Booksellers, Publishers	...	...	...	...	...	...	...	1	1	...	...
117 Bookbinders	...	...	...	...	...	1	...	25	...	...	...
118 Printers by Steam, Compositors, &c.	...	...	1	...	...	7	...	88	...	...	...
119 Newspaper Proprietors, &c.	...	...	...	...	...	...	...	1	...	...	...
120 Do. Agents	...	...	...	...	...	...	...	...	...	...	...
121 Library or Book Depôt Keepers	...	...	...	...	...	...	...	1	...	...	...
(b) *Musical Instruments.*											
122 Makers, Tuners, &c., of Musical Instruments	...	...	...	...	...	...	...	...	...	...	...
123 Music Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...

VII—*continued.*

B	Local Diseases.														Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.				
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases referred under Digestive System.													
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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13	4	...	1	...	7	3	4	1	...	...	...	...	...	...	...	...	1	...	...	...	109
...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	8
...	...	...	1	...	...	1	...	2	...	...	...	...	...	...	...	...	1	...	...	...	5
18	9	...	4	...	16	3	6	8	...	...	...	1	...	...	1	...	1	1	...	1	257
...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
3	1	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	10
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
15	3	...	1	...	9	2	3	5	...	...	1	...	...	...	1	...	...	1	...	...	105
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	6
2	1	...	1	...	7	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	49
27	2	...	4	...	11	3	2	4	...	1	...	...	...	...	1	1	1	...	...	1	154
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
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Occupation or Trade of Family.	General Diseases.											
	A											
	Small-pox.	Measles.	Fever.				Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.		Leprosy.	Dropsy.
			Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.						
CLASS V.—INDUSTRIAL—*contd.*												
10. Art and Mechanical Productions—*contd.*												
(c) *Prints, Pictures.*												
124 Lithographers	...	...	...	...	...	...	..	...	...		...	...
125 Print Sellers, Publishers	...	...	...	...	...	...	...	...	...		...	...
(d) *Carvings, &c.*												
126 Wood Carvers	...	...	...	...	...	...	...	1	...		...	...
127 Artificial Flower Makers	...	...	...	...	...	...	...	...	...		...	...
128 Figure Casters (*Otarva*)	...	...	...	...	...	3	...	24	1		...	...
(e) *Toys, &c.*												
129 Toy and Kite Makers or Sellers	...	...	...	...	...	...	...	...	...		...	...
130 Billiard Table Makers	...	...	...	...	...	...	...	1	...		...	...
(f) *Engravings, &c.*												
131 Type Founders	...	...	...	...	...	...	...	1	...		...	...
132 Seal Engravers	...	...	...	...	...	...	...	...	...		...	...
133 Engravers, &c.	...	...	...	...	...	1	...	1	...		...	...
(g) *Watches, &c.*												
134 Watch and Clock Makers	...	...	1	...	...	2	...	8	...		...	...
(h) *Omitted.*												
135 Opticians, &c.	...	...	...	...	...	...	...	...	...		...	...
(i) *Arms, &c.*												
136 Gunsmiths	...	...	...	...	...	...	..	...	...		...	...
137 Sword Makers and Polishers (*Shikelgars*)	...	...	...	...	...	...	...	1	...		...	...
138 Gunpowder Makers	...	...	...	...	...	...	...	...	...		...	...
(k) *Machines and Tools.*												
139 Engine Makers (Fitters, &c.)	...	...	1	1	...	20	...	86	2		...	...
140 Spinning, Weaving, &c., Machine Makers	...	...	...	...	...	...	...	...	...		...	...
141 Tool Makers and Sellers	...	...	...	...	...	...	...	...	...		...	...
142 Cutlers and Grinders	...	...	...	...	...	...	...	...	...		...	...
(l) *Carriages, &c.*												
143 Carriage, Cart and Palki Makers	...	...	...	...	...	...	...	...	...		...	...
144 Railway Carriage Makers, Fitters, &c.	...	...	...	...	...	4	...	1	...		...	...
(m) *Harness.*												
145 Saddle and Harness Makers	...	...	...	...	..	...	...	1	...		...	...
146 Saddle Cloth, &c., Makers	...	...	...	...	...	...	...	...	...		...	...
147 Whip and Stick Makers and Sellers	...	...	...	...	...	...	...	...	...		...	...

VII—*continued.*

| B | Local Diseases. | | |

Occupation or Trade of Family.	General Diseases.											
	A											
			Fever.									
	Small-pox.	Measles.	Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*											
10 Art and Mechanical Productions—*contd.*											
(n) *Boats and Ships.*											
148 Boat and Ship Builders	...	...	...	...	...	...	...	...	...	...	...
149 Sailmakers	...	...	...	...	...	...	...	...	...	...	...
150 Ship-Chandlers	...	...	...	...	...	...	...	...	...	...	...
(o) *Houses and Buildings.*											
151 House-owners, &c.	...	...	...	...	...	...	...	...	...	...	...
152 Architects	...	...	...	...	...	...	...	...	...	...	...
153 Surveyors and Draftsmen	...	...	...	...	...	...	...	...	...	...	...
154 Builders and Contractors	...	...	...	...	...	...	...	...	...	...	...
155 Carpenters, Joiners, Sawyers	...	...	...	...	2	36	4	230	4	...	2
156 Masons and Bricklayers	...	...	...	1	...	11	...	75	5	...	...
157 Tile Turners	...	...	...	...	...	4	...	19	...	...	...
158 Plumbers	...	...	...	...	1	2	...	7	...	...	...
159 House and Wall Painters	...	...	...	...	...	13	1	21	3	...	...
160 Marble Cutters and Dealers	...	...	...	...	...	...	...	...	...	...	...
(p) *Furniture, &c.*											
161 Furniture Makers and Dealers and Upholsterers	...	...	...	...	...	3	...	14	...	...	...
162 Carvers and Gilders	...	...	...	...	...	2	...	5	...	...	...
163 Undertakers and Carriers of Dead Bodies	...	...	...	...	...	...	...	3	1	...	...
164 Curiosity Dealers	...	...	...	...	...	...	...	...	...	...	...
(q) *Chemicals and Combustibles.*											
165 Fireworks Makers, &c.	...	...	...	...	...	...	...	...	...	...	...
166 Matches Makers, &c.	...	...	...	...	...	...	...	...	...	...	...
167 Saltpetre Makers, &c.	...	...	...	...	...	...	...	...	...	...	...
168 Ink, &c., Makers	...	...	...	...	...	...	...	3	...	...	...
11. Textile Fabrics.											
(a) *Wool.*											
169 Blankets and Woollen Makers and Cleaners by Steam	...	...	...	...	...	...	...	...	...	...	...
170 Blankets and Woollen Makers and Wool Cleaners by Hand	...	...	...	...	...	...	...	1	...	...	...
171 Felt (*Namda*) Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...
172 Fullers	...	...	...	...	...	...	...	...	...	...	...
173 Carpet and Rug Makers and Dealers	...	...	...	...	...	1	...	1	...	...	...

VII—*continued.*

| B | Local Diseases. | | |

	Occupation or Trade of Family.	General Diseases.											
		A											
		Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued.	Ague.	Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.		Leprosy.	Dropsy.
	CLASS V.—INDUSTRIAL—*contd.*												
	11. Textile Fabrics—*contd.*												
	(b) *Silk.*												
174	Silk Workers by Hand	...	...	...	...	...	...	...	3	...		...	...
175	Ditto by Steam	...	...	...	...	...	...	...	1	...		...	...
176	Silk Dyers	...	...	...	...	...	...	...	1	...		...	...
177	Silk Makers	...	...	...	...	...	...	...	4	...		...	...
	(c) *Cotton and Flax.*												
178	Cotton Dyers	...	...	...	...	...	5	...	22	3		1	1
179	Lace Makers, &c.	...	...	...	...	...	...	...	...	...		...	...
180	Tape Makers, &c. (*Rural*)	...	...	...	...	...	...	...	1	...		...	...
181	Cotton Spinners, Cleaners and Weavers by Steam	...	...	...	...	...	...	...	...	...		...	...
182	Cotton Spinners, Cleaners and Weavers by Hand	...	...	...	...	...	...	...	3	...		...	...
183	Mill Managers, Clerks, &c.	...	...	...	...	...	...	...	12	...		...	...
184	Calico Printers	...	...	...	...	...	...	...	...	...		...	...
185	Calenderers	...	...	...	...	...	...	...	...	...		...	...
	(d) *Miscellaneous Workers.*												
186	Spinners and Weavers and Factory Workers (unspecified)	...	...	...	4	...	23	...	125	1		...	1
187	Embroiderers and Brocade, &c., Makers	...	...	...	...	...	...	...	3	...		...	...
188	Cotton Goods Sellers, Drapers	...	...	...	1	...	5	...	41	1		...	...
	(e) *Dress.*												
189	Barbers, Hair Dressers, &c.	...	...	...	1	...	31	...	94	3		...	...
190	Turban, Cap and Hat Makers	...	...	...	...	...	...	...	6	...		...	...
191	Turban Folders	...	...	...	...	...	...	...	6	...		...	...
192	Caste-Mark Makers	...	...	...	...	...	...	...	...	...		...	...
193	Tailors	...	...	1	...	...	20	1	167	2		...	...
194	Milliners and Dress Makers	...	...	...	...	...	...	...	...	...		...	...
195	Glove and Stocking Makers	...	...	...	...	...	...	...	...	...		...	...
196	Shoe and Boot Makers	...	...	...	...	2	23	...	118	10		...	1
197	Button Makers	...	...	...	...	...	...	...	...	...		...	...
198	Umbrella Makers and Sellers	...	...	...	...	...	1	...	...	...		...	...
199	Shawl Makers and Sellers	...	...	...	...	...	...	...	...	...		...	...
200	Punkha and Fan Makers	...	...	...	...	...	...	...	...	...		...	...
	(f) *Jute, Tents, Ropes, &c.*												
201	Workers and Sellers of Jute	...	...	...	...	...	1	...	5	...		...	...
202	Rope and Cord Makers and Sellers	...	...	...	...	...	...	...	...	...		...	...
203	Tent Makers and Dealers	...	...	...	...	...	...	...	...	...		...	...
204	Coir Makers and Dealers	...	...	...	...	...	...	...	...	...		...	...

VII—*continued.*

B	Local Diseases.																Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
							Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
	3	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
	31	2	...	1	...	16	1	4	3	...	...	1	...	...	...	1	...	...	...	...	...	92
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	9	1	...	1	...	3	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	21
	3	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	19
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	135	5	...	...	...	88	5	11	6	1	...	...	...	...	...	2	...	1	4	...	1	413
	21	1	...	...	...	8	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	42
	15	4	...	...	...	9	3	...	5	...	...	...	1	...	...	3	...	...	...	...	...	92
	26	1	...	...	...	21	6	5	2	...	...	...	...	...	...	...	...	...	...	1	...	191
	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	1	1	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	12
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	62	5	...	5	...	33	7	9	17	...	...	2	...	...	...	1	1	3	1	...	1	338
	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	55	3	...	3	...	56	8	14	7	2	1	1	...	...	...	3	1	...	...	...	...	306
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	3
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	3	2	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	14
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	General Diseases. A										
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued	Ague.	Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*											
12. Foods, Drinks and Stimulants.											
(a) *Animal Food.*											
205 Cow Keepers, Milk Sellers	...	...	...	...	...	10	...	74	2	1	...
206 Sellers of Ghee, Butter, Cheese	...	...	...	...	...	1	...	2	...	...	...
207 Butchers, Slaughtermen and Meat Sellers	...	...	...	...	...	2	...	10	...	1	...
208 Fowl Sellers (Poulterers)	...	...	...	...	...	1	...	3	...	...	...
209 Fish Salesmen	...	...	...	...	...	...	...	2	...	...	...
210 Provision Dealers, Bazaar Suppliers	...	...	...	...	...	...	...	...	...	...	...
(b) *Vegetable Food.*											
211 Grain, Pulse and Flour Dealers	...	...	...	...	...	15	...	63	...	...	...
212 Millers (*Gola*), (Grinders & Huskers of Grain)	...	...	...	...	...	...	...	2	...	...	1
213 Grain Parchers (*Bhadbhunjas*)	...	...	...	...	...	...	...	5	...	...	...
214 Bakers	...	...	...	...	...	2	...	11	1	...	1
215 Sweetmeat Makers & Sellers & Pastry Cooks.	1	...	...	1	...	5	...	36	...	...	...
216 Fruit and Vegetable Dealers	...	...	...	...	...	11	1	95	6	2	...
(c) *Drinks and Stimulants.*											
217 Brewers	...	...	...	...	...	...	...	...	...	...	...
218 Wine and Spirit Dealers	...	...	...	...	...	3	...	6	...	...	...
219 Distillers and Toddy Drawers	...	...	...	...	...	4	...	15	1	...	...
220 Soda Water, &c., Makers and Dealers	...	...	...	...	...	1	...	1	...	...	...
221 Sugar and *Gol* Makers and Dealers	...	...	...	...	...	1	...	1	...	...	...
222 Grocers, Spice Dealers	...	...	...	...	...	7	...	43	...	...	...
223 Tea Dealers and Tasters	...	...	...	...	...	...	...	10	...	...	...
224 Tobacco and Snuff Manufacturers and Sellers.	...	...	...	...	...	3	...	12	...	...	...
225 Opium, Chundool Sellers, &c.	...	...	...	...	...	...	...	1	...	...	...
226 Bhang, Ganja Sellers	...	...	...	...	...	...	...	...	...	...	...
227 Pan and Betel Sellers	...	...	...	...	...	7	...	19	...	...	...
228 Perfume Makers and Dealers	...	...	...	...	...	1	...	4	...	...	...
229 Makers and Sellers of Sherbet	...	...	...	...	...	...	...	...	...	...	...
230 Ditto Vinegar	...	...	...	...	...	...	...	...	...	...	...
13. Animal Substances.											
231 Soap Makers and Sellers	...	...	...	...	...	...	...	3	...	...	...
232 Comb Makers, &c.	...	...	...	...	...	...	...	...	...	...	...
233 Bone and Horn Dealers	...	...	...	...	...	...	...	...	...	...	...
234 Ivory Carvers and Dealers	...	...	...	...	...	...	...	...	...	...	...
Leather.											
235 Hide and Skin Dealers	...	...	...	...	...	...	...	...	1	...	...
236 Tanners and Curriers	...	...	...	1	...	3	2	2	...	...	...
237 Leather Workers and Sellers (not Shoemakers)	...	...	...	...	...	...	...	1	...	...	...

VII—*continued.*

B	All other Diseases classed under Section B of General Diseases.	Local Diseases.											Conditions not necessarily associated with General or Local Diseases.		Accident and Violence				Total.
		Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	
							Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.												
	36	3				16		2	5		4	1				1	1	1	1			160
	3																					7
	24	2				15	3	3	3									1				64
	2					2																8
	1					1			1													4
	17	2		2		12	3	5	5			3					1					128
	1					1																4
	5	2				1		1	1													9
	6					2																25
	58	9		3		12	3	4	1	1												70
						23		3	8	1	9		2			5	1					236
	7	1																				
	5	2				7		2	2													23
																				1		41
	18	3				15	1	1				2				1	2					2
	6					5	2	1	5													3
	5	1				6			3													103
	1	1																				27
																						29
	20	1				3		3	1							2						3
						1		1														56
																						8
																						3
	1																					1
	1																					5
	2					3		4											1			27
	1															1						4

Occupation or Trade of Family.	General Diseases. A											
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued	Fever. Ague.	Fever. Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*											
14. Vegetable Substances.											
(a) *Gums, Oils, &c.*											
238 Oil Pressers, Oil Cake Makers and Sellers	...	...	...	...	...	1	...	14	...	...	...
239 Lac Makers	...	...	...	...	...	...	...	...	...	...	...
(b) *Wood, &c.*											
240 Wood and Timber Dealers	...	...	...	...	...	...	...	7	...	...	1
241 Wood Turners (*Kantaras*)	...	...	...	...	...	...	...	...	...	...	...
242 Lacquer Workers	...	...	...	...	...	...	...	...	...	...	...
243 Bamboo Dealers	...	...	...	...	...	...	...	...	...	...	...
244 Firewood Sellers	...	...	...	...	...	...	...	4	...	...	...
245 Coopers	...	...	...	...	...	...	...	1	...	...	...
246 Broom Makers	...	...	...	...	...	...	...	7	1	...	...
247 Basket and Cane Workers and Sellers	...	...	...	1	...	3	...	13	...	...	...
248 Grass and Forage Dealers	...	...	...	...	...	1	...	10	...	...	
249 Hay Pressers, &c.	...	...	...	...	...	...	...	...	...	...	...
250 Sellers of Grass for Thatch	...	...	...	...	...	...	...	...	...	...	...
251 Thatchers (*Chapperband*)	...	...	...	...	...	...	...	...	...	...	...
(c) *Paper.*											
252 Rag Dealers	...	...	...	...	...	...	...	...	...	...	...
253 Paper Makers	...	...	...	...	...	...	...	...	...	...	...
254 Stationers and Dealers in Paper	...	...	...	...	...	...	...	...	...	...	...
15. Mineral Substances.											
(a) *Omitted.*											
255 Coal Merchants, Shippers, &c.	..	...	...	...	1	7	...	16	2	...	...
256 Gas Works Service	...	...	...	...	...	...	...	2	...	...	...
(b) *Coal.*											
257 Charcoal Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...
258 Cowdung Cake Sellers	...	...	...	...	...	...	...	...	...	...	...
(c) *Stone-clay.*											
259 Stone Quarrymen (*Beldars, Valdars, &c.*)	..	...	...	...	...	1	...	2	...	...	...
260 Stone Cutters (*Patharvats, Salats*)	...	...	...	...	...	10	...	29	...	...	1
261 Lime Makers and Sellers (*Lunaris, Chunaras, &c.*)	..	...	...	...	...	...	...	1	1	...	...
262 Brick, &c., Makers	..	...	...	1	...	...	...	...	...	...	...
263 Railway Earth Workers	...	...	...	...	...	...	...	...	...	...	...
264 Grindstone Makers and Sellers (*Chaksalis*)	...	...	...	...	...	...	...	...	...	...	...

VII—*continued.*

B	All other Diseases classed under Section B of General Diseases.	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					Total.
		Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System. Diarrhœa.	Digestive System. Dysentery.	Digestive System. All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	
	•																					
	15	2				3	2	1				1	1									40
	5					6		2				1										23
	3	2				1																10
																						2
	2					4	1	3	1							2						21
	1					1		1														19
	4					2	1		4													22
										1												1
	4	1				2	1	2		1	1								1	1		40
									1													3
		1																				1
				1															1			3
	5					4	3	5	3													62
	1					1	1	1	1													7
																						1

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Occupation or Trade of Family.	General Diseases. A. Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued.	Fever. Ague.	Fever. Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*											
15. Mineral Substances—*contd.*											
(d) *Earthenware.*											
265 Potters	...	..	...	...	...	2	...	8	...	1	...
266 Hooka Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...
(e) *Glass.*											
267 China Glass Dealers	...	...	...	...	...	...	...	...	...	...	...
268 Glass Makers and Sellers	...	...	...	...	...	3	...	3	...	...	...
269 Bangle Makers and Sellers	...	...	...	...	...	3	...	8	...	...	..
270 Bead Makers and Sellers (*Maniaris*)	...	...	...	...	...	...	...	...	...	...	...
(f) *Salt.*											
271 Salt Makers (*Mitagrias, &c.*)	...	...	...	...	...	...	...	...	...	...	...
272 Salt Brokers and Dealers	...	...	...	...	...	1	...	2	...	...	...
(g) *Water.*											
273 Water Works Service	..	...	...	...	...	...	...	...	...	...	...
274 Well Sinkers	...	...	..	...	...	...	...	...	...	...	...
275 Ice Dealers and Makers	...	...	...	...	...	..	...	3	...	...	...
(h) *Gold, Silver and Jewellery.*											
276 Gold and Silver Smiths	...	...	1	...	...	15	1	91	1	...	1
277 Precious Stone Dealers, &c.	...	...	...	...	...	2	...	11	...	...	..
278 Lapidaries (Stone Cutters)	...	...	...	...	...	...	...	3	...	..	..
279 Electroplaters	...	...	...	...	...	...	...	...	...	...	..
280 Plate Dealers, &c.	...	...	...	...	...	...	...	...	...	...	..
281 Assayers (*Choksis*), Dealers in Gold & Sellers	...	...	1	...	...	...	...	...	...	...	..
282 Gold and Silver Lace Makers	...	...	...	...	...	...	...	...	...	...	...
283 Wire Drawers, &c.	..	..	...	...	...	...	...	...	...	...	...
284 Gold Washers (*Zarekaris* or *Dhuldhoyas*)	...	...	...	...	...	...	...	...	...	...	...
(i) *Copper.*											
285 Copper Smiths	...	1	...	...	...	8	...	38	1	...	...
(k) *Tin.*											
286 Tinmen and Tinware Dealers	...	...	...	...	...	4	...	13	1	...	...
(l) *Brass.*											
287 Brass Smiths and Dealers in Brass	...	...	...	...	...	...	...	2	...	...	...
288 Locksmiths (*Kunchgars*)	...	...	...	...	...	...	...	...	...	...	...
289 Gas Fitters	...	...	...	...	...	...	...	...	...	...	...
290 Lamp and Lantern Makers	...	...	...	...	...	...	..	...	...	...	...

VII—*continued.*

B	All other Diseases classed under Section B of General Diseases.	Local Diseases.													Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					Total.
		Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.				Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	
							Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.														
	4	...	...	...	...	4	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	21
	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	3	1	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
	8	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
	3	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
	5	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	12
	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
	27	...	...	1	...	16	3	13	3	1	1	...	...	...	...	...	...	1	1	...	1	...	178
	4	...	...	1	...	1	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	23
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	3
	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	4
	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
	15	2	...	3	...	5	...	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	79
	14	4	...	...	...	10	...	2	1	1	...	...	...	...	...	...	...	...	...	...	1	...	51
	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	General Diseases.											
	A											
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued	Fever. Ague.	Fever. Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.	
CLASS V.—INDUSTRIAL—*contd.*												
15. Mineral Substances—*contd.*												
(m) *Iron and Steel.*												
291 Blacksmiths	...	...	...	1	...	10	2	52	...	...	...	
292 Hardware and Iron Mongers	...	...	...	...	...	2	...	1	...	...	...	
293 Nail Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	
CLASS VI.—OTHERS AND UNSPECIFIED.												
16. Indefinite.												
(a) *General Labourers.*												
294 General Labourers and Coolies	2	1	...	13	16	569	14	3119	261	7	10	
295 Mechanics, Artizans (unspecified)	...	...	...	...	...	...	...	...	...	...	...	
(b) *Indefinite.*												
296 Enginemen, &c. (unspecified)	...	..	...	...	...	...	...	...	...	...	...	
297 Factory Labourers (unspecified)	3	1	...	26	9	270	10	1218	47	2	4	
298 Shopmen, &c. (unspecified)	..	...	...	1	...	25	1	249	2	...	1	
299 Contractors, &c. (unspecified)	..	...	...	...	...	1	...	15	...	...	...	
300 Millowners, &c. (unspecified)	...	...	...	...	...	...	...	1	...	...	...	
17. Persons of Independent Means.												
301 Living on Property (funded rents, &c.)	...	...	...	...	...	5	...	15	...	..	...	
302 Pensioners (unspecified)	...	...	...	...	...	8	...	14	1	1	1	
18. Others.												
303 Mendicants	1	...	...	3	1	50	5	225	20	4	1	
304 Prisoners	...	...	...	...	...	...	...	2	...	...	...	
305 Prostitutes and Pimps	...	...	..	...	...	3	...	11	...	...	...	
306 Others	...	...	...	...	...	4	...	40	1	...	...	
307 Males following no occupation	2	...	4	9	11	150	3	1559	42	13	19	
308 Females do. do.	4	2	5	37	21	604	12	3014	272	10	50	
309 Children, Males	21	115	5	59	10	592	16	1971	138	1	26	
310 Do. Females	17	134	6	75	15	617	6	1659	111	2	27	
Grand Total	55	254	37	259	102	3716	104	18188	1010	51	166	

VII—*concluded.*

| B | LOCAL DISEASES. | | |

XXXVIII.

DEATHS in different OCCUPATIONS in different QUARTERS in the CITY of BOMBAY during the Year beginning 1st January 1898.

Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
CLASS I.—PROFESSIONAL.																	
1. General Government.																	
(a) *Imperial.*																	
1 His Excellency the Governor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2 Governor's Family	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Government Officials in Civil employ (including Police)	11	10	15	36	4	2	3	9	5	4	5	14	2	2	5	9	68
(b) *Local and Municipal Government.*																	
4 Persons employed under Municipal and Local Bodies (including Police)	40	59	89	188	51	19	12	82	18	16	15	49	29	16	20	65	384
(c) *Foreign Governments and Native States.*																	
5 Consuls	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 Native Chiefs, their Staff and Retinue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Defence.																	
(a) *Army.*																	
7 Officers, effective (including Non-combatants)	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
8 Soldiers	4	1	14	19	4	3	1	8	2	5	3	10	5	3	...	8	45
9 Army Pensioners, &c.	...	2	4	6	6	1	...	7	1	...	...	1	1	2	1	4	18
(b) *Navy.*																	
10 Naval Officers	...	...	...	...	...	...	...	...	...	1	2	3	...	...	...	...	3
11 Seamen (Government)	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1
12 Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	3. LEARNED PROFESSIONS, &c																		
	(a) *Ecclesiastical.*																		
13	Ministers of Religion, Priests and Persons officiating in Churches, Temples, and Mosques, &c.	14	15	9	38	4	2	1	7	...	...	2	2	1	2	2	5	52
14	Missionaries	1	...	...	1	1	...	...	1	...	...	...	...	...	...	...	...	2
15	Devotees, Bhikshuks, Fakirs, &c.	34	22	26	82	10	5	3	18	7	9	9	25	6	4	6	16	141
16	Servants and Officers of Religious Institutions.	...	...	...	...	...	...	...	...	1	...	1	2	...	...	...	...	2
	(b) *Law.*																		
17	Barristers and Advocates	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	Solicitors and Attorneys	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1
19	Pleaders and Vakils	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
20	Law Agents, Interpreters, Mukhtiars, Petition Writers, &c.	..	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1
	(c) *Medical.*																		
21	Physicians and Surgeons (*Licensed*)	2	1	2	5	1	...	...	1	2	2	...	4	1	2	1	4	14
22	Medical Assistants, &c.	3	3	2	8	2	3	...	5	1	1	2	4	4	1	...	5	22
23	Vaids, Hakims, and Unlicensed Practitioners.	4	4	3	11	1	...	1	2	1	1	1	3	1	...	4	5	21
24	Dentists	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	Chemists and Druggists	1	1	...	2	1	...	...	1	...	...	...	...	1	...	...	1	4
26	Midwives and Nurses	7	8	10	25	12	5	1	18	5	2	2	9	3	1	3	7	59
	(d) *Literature, &c.*																		
27	Editors, Authors	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	Reporters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	Officers of Literary Institutions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(e) *Artists, &c.*																		
30	Painters (*Artists*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	Sculptors	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32	Photographers	...	3	2	5	...	...	...	...	...	...	...	...	...	...	...	...	5
33	Drawing Masters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(f) *Musicians.*																		
34	Music Masters and Players	4	2	4	10	1	1	2	4	5	1	4	8	1	...	1	2	24
	(g) *Actors, &c.*																		
35	Actors, Actresses	...	1	1	2	...	...	...	...	...	...	...	...	1	...	...	1	3
36	Theatre Service	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1
37	Dancers, Naykins, &c.	...	...	2	2	2	...	1	3	1	...	...	1	...	...	...	...	6
38	Jugglers, Snake Charmers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39	Billiard Room Keepers, &c.	...	1	...	1	...	...	...	...	...	...	1	1	...	...	...	...	2
40	Cricket Club, Gymkhana Service	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	2

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS I.—PROFESSIONAL—*contd.*																	
	3. Learned Professions, &c.—*contd.*																	
	(h) *Teachers, &c.*																	
41	School Masters, Mistresses	5	2	6	13	...	3	3	6	1	1	1	3	3	...	1	3	25
42	Professors, Teachers, &c.	2	4	5	11	...	...	...	...	1	2	3	6	1	2	2	5	22
43	Service of Educational Institutions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(i) *Science.*																	
44	Civil Engineers	3	3	2	8	...	2	...	2	...	...	1	1	1	1	1	3	14
45	Museum, &c., Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	CLASS II.—DOMESTIC.																	
	4. Omitted.																	
	5. Entertainers, &c.																	
	(a) *Board and Lodging.*																	
46	Hotel and Inn Keepers	2	3	1	6	1	...	...	1	...	...	...	...	...	1	...	1	8
47	Lodging-house Keepers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
48	Refreshment Houses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
49	Institution Service, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50	Service of Clubs	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1
51	Mess Contractors, &c.	1	...	...	1	...	...	...	...	...	...	...	...	...	1	1	2	3
	(b) *Domestic.*																	
52	Indoor Servants	107	109	105	321	45	16	19	80	16	22	19	57	21	21	43	85	543
53	Service in Stables, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
54	Dhobis (Washermen)	38	37	57	132	37	10	15	62	4	10	18	32	19	12	6	37	263
55	Bhistis (Water-carriers)	4	6	6	16	2	1	...	3	...	4	4	8	4	2	1	7	34
56	Sweepers (of Houses, &c.)	2	1	3	6	2	...	...	2	...	...	2	2	1	...	...	1	11
57	Hotel Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
58	Keepers of Cook-houses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
59	Servants not otherwise described	158	238	207	603	93	47	20	160	22	42	70	134	71	41	74	186	1083

CLASS III.—COMMERCIAL.

6. MERCANTILE.

(a) *Merchants, &c.*

60	General Merchants	49	79	54	182	27	12	1	40	10	17	21	48	15	6	17	38	308
61	Merchants in Cotton	2	1	...	3	1	...	1	2	1	2	...	3	1	1	1	3	11
62	Merchants in other Special Goods	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
63	Bankers	24	12	9	45	4	2	3	9	1	5	8	14	10	6	8	24	92
64	Money-lenders	2	5	2	9	1	...	...	1	3	...	...	3	4	...	...	4	17
65	Service in Banks	1	1	...	2	...	1	...	1	1	...	...	1	...	...	...	...	4
66	Insurance Office Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
67	Commercial Agents, Brokers, &c.	40	44	29	113	17	8	4	29	6	13	13	32	19	9	10	38	312
68	Salesmen, Bill Collectors, &c	2	2	3	7	2	2	...	4	2	...	3	5	2	1	...	3	19
69	Auctioneers, House Agents	...	1	...	1	1	...	...	1	...	...	...	...	...	...	...	...	2
70	Accountants, Auditors	...	1	2	3	1	...	...	1	...	...	...	...	...	...	...	...	4
71	Commercial Clerks, &c.	112	137	11	360	39	20	12	71	16	29	39	84	27	17	20	64	579
72	Notaries, Public	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
73	Capitalists, Shareholders	...	...	...	...	1	...	1	2	...	...	...	...	...	...	...	...	2
74	Emigration Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
75	Pawnbrokers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Other General Dealers.*																	
76	General Dealers & Shopkeepers (*unspecified*)	...	...	...	...	...	1	...	1	...	...	...	...	1	...	...	1	2
77	Itinerant Retailers	43	31	26	100	23	8	2	33	9	16	13	38	10	7	20	37	208
78	Pedlars (*Boxwallahs—Borahs*)	...	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	3

7. CARRIERS.

(a) *On Railways.*

79	Drivers, Stokers (*A'gwallahs*)	15	17	15	47	6	3	5	14	7	6	12	25	9	4	9	23	108
80	Station Masters, Clerks, Ticket Collectors	...	4	1	5	2	...	...	2	1	1	1	3	1	...	...	1	11
81	Guards, Signalmen, Porters, Police	7	10	10	27	5	2	1	8	...	2	5	7	5	2	...	7	49
82	Agents, Managers, Office Service	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
	(b) *On Roads.*																	
83	Carriage and Horse Letters, Livery Stable Keepers, &c.	1	1	2	4	2	1	...	3	...	1	1	2	1	...	...	1	10
84	Drivers of Public Vehicles (*Buggywallahs, Shigramwallahs*, &c.)	16	40	29	85	19	5	5	29	8	9	5	22	6	6	5	17	153
	(c) *Omitted.*																	
85	Cart Owners and Drivers (*Gádawallahs*)	43	58	92	193	42	26	16	84	20	16	18	54	21	15	16	52	383
86	Carriers on Pack Animals (*Wanjáras*, &c.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS III.—COMMERCIAL—*contd.*																	
	7. Carriers—*contd.* (d) *On Seas, &c.*																	
87	Ship or Boat Owners	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
88	Steam Navigation Service	1	...	3	4	1	1	1	3	1	3	2	6	1	3	...	4	17
89	Seamen (not Government)	25	22	25	72	13	8	4	25	11	13	12	36	10	10	10	30	162
90	Pilots	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
91	Boatmen	...	2	1	3	...	...	1	1	1	...	1	2	...	...	1	1	7
92	Dock and Harbour Officials	...	1	...	1	1	...	1	2	1	...	3	4	1	...	...	1	8
93	Dock Labourers	2	...	4	6	2	...	1	3	1	1	...	2	...	...	...	...	11
94	Shipping Surveyors and Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
95	Dubashes	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
	(e) *Storage, &c.*																	
96	Warehousemen and Storekeepers	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2	2
97	Keepers of Cotton, &c., Presses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
98	Packers, Weighmen, &c.	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	1	2
	(f) *Telegraph (Railway) and Messages.*																	
99	Railway and other Telegraph Service (not Government)	33	74	50	157	24	10	8	42	12	15	12	39	16	14	9	39	277
100	Messengers, Porters, &c. (not Government)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	CLASS IV.—AGRICULTURE, PASTURE & DEALINGS WITH ANIMALS, &c.																	
	8. Agriculture and Pasture, &c. (a) *Cultivation and Grazing.*																	
101	Occupants and Tenants of Land and Cultivators	6	4	10	20	16	3	3	22	5	4	3	12	4	6	5	15	69

102	Occupants and Tenants of Lands but not Cultivators	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
103	Farm Day Servants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
104	Field Labourers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
105	Cattle and Sheep Watchers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Gardening, &c.*																	
106	Gardeners (*Máli* and *Káchiá*)	16	22	23	61	16	4	5	25	5	1	3	9	3	4	7	14	109
107	Growers and Sellers of Flowers & Garlands	1	2	2	5	1	...	...	1	1	...	1	2	...	...	...	...	8
	9. ANIMALS.																	
108	Horse-dealers, &c.	...	...	1	1	1	2	...	3	...	...	1	1	..	..	...	...	5
109	Jockey Grooms (not domestic service)	37	56	53	146	19	15	7	41	5	7	13	25	11	14	20	45	257
110	Veterinary Surgeons, Farriers	...	...	1	1	1	...	...	1	...	1	...	1	...	...	2	2	5
111	Horse Shoers (*Nálband*)	3	2	2	7	3	...	...	3	...	...	...	...	...	...	...	...	10
112	Cattle and Sheep Breeders (*Dhangar, &c.—Wanjárí*)	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1
	Fishers.																	
113	Fishermen, &c.	3	12	13	28	21	10	3	34	10	13	7	30	7	...	6	13	105
114	Shikaries and Bird Catchers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
115	Leech Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	CLASS V.—INDUSTRIAL.																	
	10. ART & MECHANICAL PRODUCTIONS.																	
	(a) *Books.*																	
116	Booksellers, Publishers	...	1	...	1	1	1	...	2	...	1	...	1	2	...	...	2	6
117	Bookbinders	12	13	7	32	3	2	...	5	2	1	1	4	...	1	4	5	46
118	Printers by Steam, Compositors, &c.	25	46	35	106	9	4	5	18	3	8	6	17	3	2	8	13	154
119	Newspaper Proprietors, &c.	...	...	1	1	...	...	...	..	...	...	...	...	...	...	...	...	1
120	Do. Agents	...	1	...	1	...	..	...	...	...	...	...	...	...	...	...	...	1
121	Library or Book Depôt Keepers	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
	(b) *Musical Instruments.*																	
122	Makers, Tuners, &c., of Musical Instruments	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1
123	Music Sellers, &c.	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
	(c) *Prints, Pictures.*																	
124	Lithographers	...	...	...	...	...	..	...	...	...	..	...	...	..	...	...	...	...
125	Print Sellers, Publishers	...	...	...	...	...	..	...	...	...	..	...	...	..	...	...	...	...

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS V.—INDUSTRIAL—*contd.*																	
	10. Art and Mechanical Productions—*contd.*																	
	(d) *Carvings, &c.*																	
126	Wood Carvers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
127	Artificial Flower Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
128	Figure Casters (*Otárva*)	4	13	4	21	5	...	2	7	1	3	3	7	4	2	1	7	42
	(e) *Toys, &c.*																	
129	Toy and Kite Makers or Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
130	Billiard Table Makers	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	1	2
	(f) *Engravings, &c.*																	
131	Type Founders	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
132	Seal Engravers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
133	Engravers, &c	...	...	...	...	...	...	1	1	...	...	2	2	...	...	...	...	3
	(g) *Watches, &c.*																	
134	Watch and Clock Makers	1	4	2	7	1	1	1	3	1	2	...	3	...	...	3	3	16
	(h) *Omitted.*																	
135	Opticians, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(i) *Arms, &c.*																	
136	Gunsmiths	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
137	Sword Makers and Polishers (*Shikelgars*)	2	1	...	3	1	...	...	1	...	...	...	...	...	...	...	...	4
138	Gunpowder Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(k) *Machines and Tools.*																	
139	Engine Makers (Fitters, &c.)	24	37	48	109	30	4	12	46	10	6	29	36	19	16	12	47	238

140	Spinning, Weaving, &c., Machine Makers ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
141	Tool Makers and Sellers	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
142	Cutlers and Grinders	..	..	..	..	..	..	..	..	1	1	1	3	1	..	1	2		5
	(l) *Carriages, &c.*																		
143	Carriage, Cart, and Palki Makers	..	..	..	..	..	..	..	..	1	1	..	2	..	..	..	..		2
144	Railway Carriage Makers, Fitters, &c	..	1	3	4	1	1	..	2	..	..	..	..	..	..	..	..		6
	(m) *Harness.*																		
145	Saddle and Harness Makers	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..		1
146	Saddle Cloth, &c., Makers	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
147	Whip and Stick Makers and Sellers	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
	(n) *Boats and Ships.*																		
148	Boat and Ship Builders	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
149	Sailmakers	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
150	Ship Chandlers ..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..		1
	(o) *Houses and Buildings.*																		
151	House-owners, &c	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..		1
152	Architects	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
153	Surveyors and Draftsmen	..	..	1	1	1	1	..	2	..	..	..	..	..	..	..	..		3
154	Builders and Contractors	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
155	Carpenters, Joiners, Sawyers	71	130	79	80	46	17	15	78	9	13	26	48	27	26	22	75		481
156	Masons and Bricklayers	28	29	37	94	11	9	7	27	8	11	13	31	14	9	7	30		182
157	Tile Turners	9	13	3	25	1	2	2	5	..	..	..	..	..	..	1	1		31
158	Plumbers	3	3	1	7	2	..	..	2	..	..	1	1	..	..	..	..		10
159	House and Wall Painters	10	12	8	30	5	2	1	3	3	4	3	10	5	4	10	19		67
160	Marble Cutters and Dealers	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
	(p) *Furniture, &c.*																		
161	Furniture Makers and Dealers and Upholsterers	14	8	4	26	1	1	..	2	4	1	2	7	1	1	1	3		38
162	Carvers and Gilders	1	2	5	8	..	1	..	1	..	..	..	..	..	..	..	..		9
163	Undertakers and Carriers of Dead Bodies	2	2	2	6	..	..	..	..	1	..	1	2	..	1	1	2		10
164	Curiosity Dealers	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
	(q) *Chemicals and Combustibles.*																		
165	Fireworks Makers, &c	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
166	Matches Makers, &c	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
167	Saltpetre Makers, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
168	Ink, &c., Makers	2	..	..	2	1	..	..	1	..	..	..	..	..	..	..	..		3

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS V.—INDUSTRIAL—*contd.*																	
	II. Textile Fabrics.																	
	(a) *Wool.*																	
169	Blankets and Woollen Makers and Cleaners by Steam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
170	Blankets and Woollen Makers and Wool Cleaners by Hand	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
171	Felt (*Namda*) Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
172	Fullers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
173	Carpet and Rug Makers and Dealers	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	1	2
	(b) *Silk.*																	
174	Silk Workers by Hand	4	1	...	5	...	...	...	...	...	1	...	1	1	...	...	1	7
175	Ditto by Steam	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
176	Silk Dyers	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
177	Silk Makers	2	...	3	5	...	...	...	...	...	...	...	...	...	1	...	1	6
	(c) *Cotton and Flax.*																	
178	Cotton Dyers	12	19	13	44	10	3	3	16	2	7	6	15	4	7	6	17	92
179	Lace Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
180	Tape Makers, &c. (*Raval*)	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1
181	Cotton Spinners, Cleaners and Weavers by Steam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
182	Cotton Spinners, Cleaners and Weavers by Hand	1	3	2	6	3	2	1	6	...	5	3	8	...	...	1	1	21
183	Mill Managers, Clerks, &c.	2	5	6	13	1	2	...	3	1	1	...	2	...	1	...	1	19
184	Calico Printers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
185	Calenderers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	(d) *Miscellaneous Workers.*																	
186	Spinners and Weavers and Factory Workers (unspecified)	52	75	99	226	51	21	9	81	8	18	27	53	28	11	14	53	413
187	Embroiderers and Brocade, &c., Makers	19	6	4	29	4	2	...	6	...	2	1	3	3	...	1	4	43
188	Cotton Goods Sellers, Drapers	16	22	18	56	6	3	2	11	3	3	5	11	4	3	7	14	92
	(e) *Dress.*																	
189	Barbers, Hair Dressers, &c.	23	37	30	90	21	10	6	37	8	12	11	31	20	2	11	33	191
190	Turban, Cap and Hat Makers	...	4	2	6	...	...	...	...	...	1	...	1	...	...	1	1	8
191	Turban Folders	1	2	1	4	3	1	...	4	1	...	1	2	...	2	...	2	12
192	Caste-mark Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
193	Tailors	53	52	55	160	32	11	10	53	14	23	27	64	19	21	21	61	336
194	Milliners and Dress Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1
195	Glove and Stocking Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
196	Shoe and Boot-Makers	60	48	39	147	15	19	22	56	19	17	21	57	10	15	23	48	308
197	Button Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
198	Umbrella Makers and Sellers	1	...	...	1	1	...	...	1	...	...	...	...	...	1	...	1	3
199	Shawl Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
200	Punkha and Fan Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(f) *Jute, Tents, Ropes, &c.*																	
201	Workers and Sellers of Jute	1	1	1	3	2	5	...	5	...	1	2	3	2	1	...	3	14
202	Rope and Cord Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
203	Tent Makers and Dealers	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1
204	Coir Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	12. FOODS, DRINKS AND STIMULANTS. (a) *Animal Food.*																	
205	Cow Keepers, Milk Sellers	17	24	47	88	10	6	4	20	6	8	6	20	9	12	11	32	160
206	Sellers of Ghee, Butter, Cheese	...	...	3	3	1	...	...	1	...	2	1	3	...	...	...	...	7
207	Butchers, Slaughtermen and Meat Sellers	10	9	8	27	6	1	5	12	3	5	4	12	5	3	5	13	64
208	Fowl Sellers (Poulterers)	1	1	2	4	1	...	2	3	1	...	...	1	...	...	...	...	8
209	Fish Salesmen	1	...	1	2	1	1	...	2	...	...	...	...	...	...	...	...	4
210	Provision Dealers, Bazar Suppliers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Vegetable Food.*																	
211	Grain, Pulse and Flour Dealers	12	19	20	51	9	5	6	20	7	8	10	25	13	9	10	32	128
212	Millers (*Gola*), (Grinders and Huskers of Grain)	1	...	1	2	...	...	1	1	...	...	...	...	...	1	...	1	4
213	Grain Parchers (*Bhadbhunjas*)	...	3	4	7	...	...	...	...	1	1	...	2	...	...	...	...	9
214	Bakers	4	4	4	12	3	1	...	4	1	1	3	5	1	...	3	4	25
215	Sweetmeat Makers and Sellers and Pastry Cooks	8	14	12	34	6	4	1	11	4	5	2	11	6	7	1	14	70
216	Fruit and Vegetable Dealers	40	40	49	129	32	6	6	44	5	13	13	31	16	5	11	32	236

Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
CLASS V.—INDUSTRIAL—*contd.*																	
12. Foods, Drinks and Stimulants—*contd.*																	
(c) *Drinks and Stimulants.*																	
217 Brewers	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
218 Wine and Spirit Dealers	5	4	5	14	...	...	1	1	2	1	...	3	1	1	3	5	23
219 Distillers and Toddy Drawers	5	6	9	20	4	7	...	11	...	4	...	4	2	2	2	6	41
220 Soda Water, &c., Makers and Dealers	1	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	2
221 Sugar and *Gol* Makers and Dealers	...	1	...	1	1	...	...	1	...	...	...	...	...	...	1	1	3
222 Grocers, Spice Dealers	24	11	11	46	6	5	3	14	5	9	12	26	9	3	5	17	103
223 Tea Dealers and Tasters	6	9	3	18	1	1	2	4	1	1	2	4	...	1	...	1	27
224 Tobacco and Snuff Manufacturers & Sellers	2	...	5	7	5	2	3	10	...	2	1	3	4	2	3	9	29
225 Opium, Chundool Sellers, &c	1	...	...	1	1	1	...	2	...	...	...	...	...	...	...	...	3
226 Bhang, Ganja Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
227 Pán and Betel Sellers	9	5	9	23	5	5	4	14	2	2	5	9	6	2	2	10	56
228 Perfume Makers and Dealers	1	3	4	8	...	...	...	...	...	...	...	...	...	...	...	...	8
229 Makers and Sellers of Sherbet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
230 Ditto ditto Vinegar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. Animal Substances.																	
231 Soap Makers and Sellers	1	1	...	2	1	...	...	1	...	...	...	...	...	...	...	...	3
232 Comb Makers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
233 Bone and Horn Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
234 Ivory Carvers and Dealers	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
Leather.																	
235 Hide and Skin Dealers	...	...	...	...	...	1	1	2	...	...	1	1	...	...	2	2	5
236 Tanners and Curriers	1	5	2	8	2	1	...	3	5	4	2	11	3	2	...	5	27
237 Leather Workers and Sellers (not Shoemakers)	...	...	...	...	...	...	...	...	...	1	...	1	1	2	...	3	4

	14. VEGETABLE SUBSTANCES.																	
	(a) *Gums, Oils, &c.*																	
238	Oil Pressers, Oil Cake Makers and Sellers ...	6	11	3	20	...	1	...	1	2	6	3	11	2	3	3	8	40
239	Lac Makers ...	...	...	...	...	...	..	...	...	...	...	...	..	...	...	...	...	...
	(b) *Wood, &c.*																	
240	Wood and Timber Dealers...	1	6	2	9	2	3	1	6	...	2	2	4	2	...	1	3	32
241	Wood Turners (*Kantaras*)..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
242	Lacquer Workers...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
243	Bamboo Dealers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
244	Firewood Sellers ...	2	2	2	6	...	1	...	1	...	1	1	2	...	1	...	1	11
245	Coopers ...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	2
246	Broom Makers ...	2	2	2	6	2	2	...	4	2	1	2	5	2	1	3	6	21
247	Basket and Cane Workers and Sellers ...	4	4	2	10	1	...	1	2	1	1	3	5	1	...	1	2	19
248	Grass and Forage Dealers ...	6	4	4	14	1	2	...	3	1	...	...	1	1	3	...	4	23
249	Hay Pressers, &c...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
250	Sellers of Grass (or Thatch ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
251	Thatchers (*Chapperband*) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(c) *Paper.*																	
252	Rag Dealers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
253	Paper Makers...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...
254	Stationer and Dealers in Paper ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
	15. MINERAL SUBSTANCES.																	
	(a) *Omitted.*																	
255	Coal Merchants, Shippers, &c...	2	6	2	10	2	3	1	6	1	4	5	10	6	3	5	14	41
256	Gas Works Service ...	1	...	...	1	1	...	...	1	...	...	...	...	...	...	1	1	3*
	(b) *Coal.*																	
257	Charcoal Sellers, &c...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1
258	Cowdung Cake Sellers...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(c) *Stone-clay.*																	
259	Stone Quarrymen (*Beldars, Valdars, &c.*)...	...	...	1	1	1	...	...	1	...	...	...	...	1	...	...	1	3
260	Stone Cutters (*Patharvats, Salats*).	6	7	21	34	7	1	1	9	6	2	5	13	...	3	3	6	62
261	Lime Makers and Sellers (*Lonaris, Chunaras, &c.*) ...	3	2	...	5	...	1	...	1	...	...	1	1	...	...	...	...	7
262	Brick, &c., Makers ...	...	...	..	...	...	...	...	...	1	...	...	1	...	...	...	...	1
263	Railway Earth Workers...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
264	Grindstone Makers and Sellers (*Chaksalis*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(d) *Earthenware.*																	
265	Potters ...	5	2	1	8	2	1	..	3	1	2	...	3	1	1	5	7	21
266	Hooka Makers and Sellers...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS V.—INDUSTRIAL—*contd.*																	
	15. Mineral Substances—*contd.*																	
	(e) *Glass.*																	
267	China Glass Dealers	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1
268	Glass Makers and Sellers	3	5	3	11	1	2	...	3	...	...	...	...	...	...	...	...	14
269	Bangle Makers and Sellers	1	2	6	9	2	2	...	4	2	...	...	2	3	...	2	5	20
270	Bead Makers and Sellers (*Maniaris*)	1	1	...	2	...	...	...	...	...	1	...	1	...	...	...	...	3
	(f) *Salt.*																	
271	Salt Makers (*Mitagrias, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
272	Salt Brokers and Dealers	3	2	2	7	...	...	...	...	...	...	...	...	1	2	2	5	12
	(g) *Water.*																	
273	Water Works Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
274	Well Sinkers	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1
275	Ice Dealers and Makers	1	1	1	3	1	...	...	1	...	1	...	1	...	1	...	1	6
	(h) *Gold, Silver, and Jewellery.*																	
276	Gold and Silver Smiths	27	33	37	97	13	7	6	26	4	8	12	19	19	12	5	36	178
277	Precious Stone Dealers, &c	4	8	1	13	3	2	...	5	1	...	2	3	1	...	1	2	23
278	Lapidaries (Stone Cutters)	1	2	...	3	...	...	...	...	...	...	...	...	...	...	...	...	3
279	Electroplaters	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1
280	Plate Dealers, &c	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
281	Assayers (*Choksis*), Dealers in Gold, and Sellers	1	1	...	2	1	...	...	1	...	...	...	...	...	...	1	1	4
282	Gold and Silver Lace Makers	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1
283	Wire Drawers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
284	Gold Washers (*Zarekaris* or *Dhuldhoyas*)	...	...	1	1	...	...	...	...	...	...	1	1	...	...	...	...	2
	(i) *Copper.*																	
285	Coppersmiths	15	15	16	46	6	5	...	11	2	2	10	14	4	1	3	8	79

	(k) *Tin.*																	
286	Tinmen and Tinware Dealers	6	11	6	23	5	2	1	8	2	7	3	12	4	1	3	8	51
	(l) *Brass.*																	
287	Brass-smiths and Dealers in Brass	...	...	1	1	2	...	...	2	1	...	1	2	...	...	...	...	5
288	Locksmiths (*Kunchgars*)	1	...	1	2	...	...	...	...	1	...	...	1	...	...	...	...	3
289	Gas Fitters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
290	Lamp and Lantern Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(m) *Iron and Steel.*																	
291	Blacksmiths	27	15	14	56	10	7	4	21	9	7	9	25	11	7	4	22	124
292	Hardware and Ironmongers	2	1	1	4	1	...	1	2	...	...	1	1	1	...	1	2	9
293	Nail Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	VI.—OTHERS AND UNSPECIFIED.																	
	16. INDEFINITE.																	
	(a) *General Labourers.*																	
294	General Labourers and Coolies	796	968	959	2723	507	293	212	1012	282	416	574	1272	483	277	388	1148	6155
295	Mechanics, Artizans (unspecified)	1	1	...	2	...	...	...	...	...	1	...	1	...	...	...	...	3
	(b) *Indefinite.*																	
296	Engineers, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
297	Factory Labourers (unspecified)	212	258	646	1116	461	167	88	711	99	102	148	349	135	101	153	389	2565
298	Shopmen, &c. (unspecified)	76	80	87	243	33	26	13	72	12	14	30	56	14	13	20	47	418
299	Contractors, &c. (unspecified)	4	10	5	19	2	...	2	4	...	1	1	2	2	1	1	4	29
300	Millowners, &c. (unspecified)	...	1	...	1	...	...	...	...	...	1	...	1	...	...	...	...	2
	17. PERSONS OF INDEPENDENT MEANS.																	
301	Living on Property (funded rents, &c.)	18	17	17	52	5	10	8	23	3	13	19	28	10	7	10	27	130
302	Pensioners (unspecified)	17	17	20	54	11	3	4	18	8	11	10	29	9	9	7	25	126
	18. OTHERS.																	
303	Mendicants	140	129	141	410	90	52	48	190	31	50	75	156	72	53	69	194	930
304	Prisoners	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
305	Prostitutes and Pimps	6	2	11	19	4	3	...	7	...	7	5	12	9	1	5	15	53
306	Others	13	15	19	47	5	9	2	16	4	1	4	9	4	4	3	11	83
307	Males following no occupation	520	752	913	2185	423	181	110	714	113	183	205	501	182	147	227	556	3956
308	Females do. do.	1351	1774	1884	5009	1142	616	429	2187	429	591	603	1623	673	526	581	1780	10599
309	Children, Males	1063	1115	1346	3524	764	515	432	1711	574	671	667	1912	758	551	678	1987	9134
310	Do. Females	915	1064	1257	3234	714	558	441	1713	467	654	614	1735	645	497	569	1711	8393
	GRAND TOTAL	6802	8383	9803	24988	5185	2913	2106	10204	2435	3264	3618	9317	3664	2646	3311	9621	53530

XXX

DEATHS in different OCCUPATIONS in different LOCALITIES

	OCCUPATION OR TRADE OF FAMILY.	A					B						
		COLABA.											
		Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chakla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Pataswadi.
		1	2	3	4	5	1	2	3	4	1	2	3
	CLASS I.—PROFESSIONAL.												
	1. GENERAL GOVERNMENT.												
	(a) *Imperial.*												
1	His Excellency the Governor	...	...	...	...	...	...	...	...	...	...	...	...
2	Governor's Family	...	...	...	...	...	...	...	...	...	...	...	...
3	Government Officials in Civil employ (including Police)	...	1	...	6	...	...	...	5	2	3	5	3
	(b) *Local and Municipal Government.*												
4	Persons employed under Municipal and Local Bodies (including Police)	2	13	...	9	12	11	3	22	15	7	4	3
	(c) *Foreign Governments and Native States.*												
5	Consuls	...	...	...	...	...	...	...	...	...	...	...	...
6	Native Chiefs, their Staff and Retinue	...	...	...	...	...	...	...	...	...	...	...	...
	2. DEFENCE.												
	(a) *Army.*												
7	Officers, effective (including Non-Combatants)	...	...	...	...	...	...	...	...	...	...	...	...
8	Soldiers	10	2	...	...	16	1	...	...	...	...	4	...
9	Army Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	3	...
	(b) *Navy.*												
10	Naval Officers	...	...	...	...	...	...	...	...	...	...	...	...
11	Seamen (Government)	...	...	...	...	...	...	...	...	...	...	...	...
12	Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	...	...
	3. LEARNED PROFESSIONS, &c.												
	(a) *Ecclesiastical.*												
13	Ministers of Religion, Priests and persons officiating in Churches, Temples, and Mosques, &c.	...	...	...	6	...	3	5	3	...	4	10	4
14	Missionaries	...	...	...	...	...	...	...	...	...	...	...	...
15	Devotees, Bhikshuks, Fakirs, &c.	2	...	...	4	1	16	10	8	1	12	2	10
16	Servants and Officers of Religious Institutions	...	...	...	...	...	1	...	...	...	...	...	...
	(b) *Law.*												
17	Barristers and Advocates	...	...	...	...	...	...	...	...	...	...	...	...
18	Solicitors and Attorneys	...	...	...	...	...	...	...	...	...	...	...	...
19	Pleaders and Vakils	...	...	...	...	...	...	...	...	...	...	...	...
20	Law Agents, Interpreters, Mukhtiars, Petition Writers, &c.	...	...	...	...	...	...	...	...	...	...	...	...

IX.

in the CITY of BOMBAY for the year beginning 1st January 1898.

C			D					E							F			G		Water Division.	Non-Resident and Unknown.	TOTAL.
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.			
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	1	1	...	8	...	1	2	4	...	1	4	2	2	1	3	...	2	2	...	...	6	63
3	5	47	12	7	3	1	6	10	6	6	51	35	33	6	19	1	3	8	3	...	21	384
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	1	...	...	1	...	...	...	1	1	...	3	...	1	...	4	...	...	...	3	...	1	18
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
1	1	...	2	...	1	...	...	...	...	...	1	...	2	2	...	...	1	...	...	...	6	52
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
20	4	4	2	7	1	3	3	3	..	7	6	2	3	...	1	...	...	...	...	1	8	141
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1

Occupation or Trade of Family.	A					B						
	Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	Upper.	Middle and Lower.										
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS I.—PROFESSIONAL—*contd.*												
3. Learned Professions, &c.—*contd.*												
(c) *Medical.*												
21 Physicians and Surgeons (*Licensed*)	...	...	...	1	1	...	...	...	...	...	...	2
22 Medical Assistants, &c.	...	...	...	1	2	...	...	...	...	1	4	1
23 Vaids, Hakims, and Unlicensed Practitioners	...	...	...	3	...	...	...	2	1	...	1	1
24 Dentists	...	...	...	...	...	...	...	...	...	...	...	...
25 Chemists and Druggists	...	...	...	1	...	...	1	...	...	...	...	...
26 Midwives and Nurses	...	3	...	8	...	1	...	1	...	...	6	1
(d) *Literature, &c.*												
27 Editors, Authors	...	...	...	...	...	...	...	...	...	...	...	...
28 Reporters	...	...	...	...	...	...	...	...	...	...	...	...
29 Officers of Literary Institutions	...	...	...	...	...	...	...	...	...	...	...	...
(e) *Artists, &c.*												
30 Painters (*Artists*)	...	...	...	...	...	...	...	...	...	...	...	...
31 Sculptors	...	...	...	...	...	...	...	...	...	...	...	...
32 Photographers	...	...	...	1	...	...	...	...	...	2	1	...
33 Drawing Masters	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Musicians.*												
34 Music Masters and Players	...	...	...	...	...	...	3	3	...	...	4	3
(g) *Actors, &c.*												
35 Actors, Actresses	...	...	...	1	...	...	...	...	...	...	1	1
36 Theatre Service	...	...	...	...	...	...	...	...	...	...	...	...
37 Dancers, Naykins, &c.	...	...	...	...	...	...	...	1	...	...	...	...
38 Jugglers, Snake Charmers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
39 Billiard Room Keepers, &c.	...	...	...	1	...	...	...	...	...	...	...	...
40 Cricket Club, Gymkhana Service	...	...	...	...	...	...	...	...	...	...	...	...
(h) *Teachers, &c.*												
41 School Masters, Mistresses	...	...	..	1	...	...	...	2	...	3	6	...
42 Professors, Teachers, &c.	1	...	...	1	...	...	3	3	...	1	1	1
43 Service of Educational Institutions	...	...	...	...	...	...	...	...	...	...	...	...
(i) *Science.*												
44 Civil Engineers	...	...	...	2	...	...	...	...	...	1	...	...
45 Museum, &c., Service	...	...	...	...	...	...	...	...	...	...	...	...
CLASS II.—DOMESTIC.												
4. Omitted.												
46 Hotel and Inn Keepers	...	...	...	2	...	...	2	...	...	...	...	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipara.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
1						1	1	1					1				1	1			3	14
1	1			1				1			3		3		1	1					3	22
					1								2		2			1	1			21
			3	3		3		9	1		4	2	4		2			1			6	59
1			3	1				1		1			1					1			2	24
			1												1							3
				3							1											6
			1					1														2
4										1	1	1			1		1	1		1	1	25
1	2			4				1			1							1	1			22
				1									3		2			1			4	14
1	1		1																1			3

	Occupation or Trade of Family.	A					B							
		Colaba.												
		Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
		1	2	3	4	5	1	2	3	4	1	2	3
	CLASS II.—DOMESTIC—*contd.*												
	5. Entertainers, &c.												
	(a) *Board and Lodging.*												
47	Lodging-house Keepers	...	...	...	...	...	...	...	...	...	...	...	...
48	Refreshment Houses	...	...	...	...	...	...	...	...	...	...	...	...
49	Institution Service, &c.	...	...	...	...	...	...	...	...	...	...	...	...
50	Service of Clubs	...	...	...	...	...	...	...	...	...	...	...	...
51	Mess Contractors, &c.	...	1	...	...	...	1	...	...	...	...	...	...
	(b) *Domestic.*												
52	Indoor Servants	4	18	4	66	4	24	18	13	11	44	33	16
53	Service in Stables, &c.	...	...	...	...	...	...	...	...	...	...	...	...
54	Dhobis (Washermen)	2	1	...	25	...	2	14	4	4	19	17	12
55	Bhistis (Water-carriers)	1	...	...	2	1	2	1	6	...	5	7	...
56	Sweepers (of houses, &c.)	1	...	...	1	...	...	...	...	...	...	...	...
57	Hotel Service	...	...	...	...	...	...	...	...	...	...	...	...
58	Keepers of Cook-houses	...	...	...	...	...	...	...	...	...	...	...	...
59	Servants not otherwise described	...	8	1	60	4	102	79	82	34	123	54	20
	CLASS III.—COMMERCIAL.												
	6. Mercantile.												
	(a) *Merchants, &c.*												
60	General Merchants	...	5	...	16	...	33	19	16	6	23	12	5
61	Merchants in Cotton	...	...	...	2	...	4	...	...	...	2	...	...
62	Merchants in other Special Goods	...	...	...	...	...	...	...	...	...	...	...	...
63	Bankers	2	4	...	4	...	1	4	6	11	18	11	...
64	Money-lenders	...	1	...	...	...	2	...	3	1	4	...	...
65	Service in Banks	...	...	...	2	...	...	...	...	...	...	...	...
66	Insurance Office Service	...	...	...	...	...	...	...	...	...	...	...	...
67	Commercial Agents, Brokers, &c.	...	...	...	25	...	30	21	6	...	46	15	3
68	Salesmen, Bill Collectors, &c.	...	...	...	1	...	2	...	1	...	1	4	2
69	Auctioneers, House Agents	...	...	...	...	...	...	...	...	...	1	...	...
70	Accountants, Auditors	...	...	...	1	...	...	...	...	...	...	2	...
71	Commercial Clerks, &c.	...	...	...	56	...	47	23	13	7	70	41	48
72	Notaries Public	...	...	...	...	...	...	...	...	...	...	...	...
73	Capitalists, Shareholders	...	...	...	...	...	...	...	...	...	...	...	...
74	Emigration Agents	...	...	...	...	...	...	...	...	...	...	...	...
75	Pawnbrokers	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Other General Dealers.*												
76	General Dealers and Shopkeepers (*unspecified*)	...	...	...	...	...	...	...	...	...	...	...	...
77	Itinerant Retailers	...	2	...	2	...	5	37	25	2	12	4	1
78	Pedlars (*Boxwallahs—Borahs*)	...	...	...	...	...	...	...	...	...	...	1	2

IX—*continued.*

C			D					E							F			G		Water Division.	Non-Resident and Unknown.	TOTAL.
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.			
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	3
27	8	10	14	36	2	9	7	18	5	8	10	10	26	2	7	...	3	12	4	...	20	543
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	2	9	2	6	3	6	8	14	1	6	19	12	31	...	13	1	4	13	6	...	5	263
4	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2	34
...	...	1	1	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	4	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	26	26	20	33	9	6	13	24	12	25	27	15	42	11	29	1	5	10	10	1	58	1033
16	8	6	5	12	3	3	3	16	1	4	5	2	26	1	19	3	9	14	1	...	16	308
...	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	6	1	4	2	...	...	...	...	...	...	2	3	2	1	...	...	...	3	...	...	1	92
1	...	...	...	1	1	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	1	17
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
40	3	3	...	6	...	...	1	1	...	1	1	1	2	...	...	...	2	1	...	...	4	212
...	...	...	...	1	1	...	...	1	...	1	...	...	2	1	1	...	...	...	...	...	...	19
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
59	4	10	9	82	11	3	5	10	3	3	4	3	11	2	7	2	11	32	2	...	11	579
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
15	21	13	8	2	...	...	...	1	3	19	7	3	7	7	3	...	...	2	...	...	7	203
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS III.—COMMERCIAL—*contd.*												
7. Carriers.												
(a) *On Railways.*												
79 Drivers, Stokers (*Agwallahs*)	1	2	...	2	...	6	1	13	3	1	4	3
80 Station Masters, Clerks, Ticket Collectors	...	...	...	...	...	1	...	...	1	...	2	...
81 Guards, Signalmen, Porters, Police	...	3	...	2	...	...	...	1	3	1	3	2
82 Agents, Managers, Office Service	...	...	...	...	...	...	...	...	...	...	...	...
(b) *On Roads.*												
83 Carriage and Horse Letters, Livery Stable Keepers, &c.	...	3	...	1	...	...	...	...	1	...	...	1
84 Drivers of Public Vehicles (*Buggywallahs, Shigramwallahs, &c.*)	...	10	..	11	2	4	4	15	2	6	13	2
(c) *Omitted.*												
85 Cart Owners and Drivers (*Gadawallahs*)	...	5	...	10	8	28	2	23	32	3	19	9
86 Carriers on Pack Animals (*Wanjaras, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...
(d) *On Seas, &c.*												
87 Ship or Boat Owners	...	...	...	...	...	...	...	...	...	...	...	...
88 Steam Navigation Service	...	...	...	...	...	1	...	...	...	...	...	...
89 Seamen (not Government)	...	...	1	4	...	11	3	28	1	15	8	...
90 Pilots	...	...	...	...	...	...	...	...	...	...	...	...
91 Boatmen	...	...	...	...	...	1	...	2	...	2	...	...
92 Dock and Harbour Officials	...	...	...	...	...	1	...	...	3	...	...	...
93 Dock Labourers	...	...	...	...	...	2	...	2	1	...	1	...
94 Shipping Surveyors and Agents	...	...	...	...	...	...	...	...	...	...	...	...
95 Dubashes	...	...	...	...	...	...	...	...	...	...	1	...
(e) *Storage, &c.*												
96 Warehousemen and Storekeepers	...	...	...	...	...	...	...	...	...	...	1	...
97 Keepers of Cotton, &c., Presses	...	...	...	...	...	...	...	...	...	...	...	...
98 Packers, Weighmen, &c.	...	...	...	...	...	...	...	1	...	...	...	...
(f) *Telegraph (Hy.) and Messages.*												
99 Railway and other Telegraph Service (not Government)	...	...	...	...	...	...	...	...	...	...	...	...
100 Messengers, Porters, &c. (not Government)	...	6	1	20	7	15	3	19	5	17	32	3

IX—*continued.*

C			D					E							F			G					
Bhuleshwar.	Khara Taleo.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.	
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	12				
	c																						
F	9	2	3	1	...	...	...	5	1	18	3	2	4	...	6	...	...	1	1	5	10	108	
...	...	...	...	2	...	...	...	...	...	1	1	...	1	...	...	...	...	...	2	...	...	11	
...	1	2	..	2	...	...	...	...	1	2	3	6	4	...	6	2	1	...	...	...	5	49	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	
...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	10	
5	7	4	7	5	2	3	2	6	3	6	9	8	6	...	5	1	...	3	...	1	1	153	
4	4	22	30	11	1	2	3	27	14	5	21	33	26	2	12	1	2	18	4	...	7	383	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	1	...	...	...	...	...	4	1	1	...	...	...	...	...	...	...	1	...	3	5	17	
13	7	2	2	1	...	...	...	7	...	18	3	...	2	...	...	3	...	...	1	24	8	162	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	7	
1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	8	
...	...	1	...	...	...	...	...	3	...	...	...	1	...	...	...	...	...	...	...	...	...	11	
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
11	4	12	12	21	3	...	4	10	6	10	9	12	9	3	6	...	...	1	5	1	5	277	

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Faeaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
IV.—AGRICULTURE, PASTURE & DEALINGS WITH ANIMALS, &c.												
8. Agriculture and Pasture, &c,												
(a) *Cultivation and Grazing.*												
101 Occupants and Tenants of Land and Cultivators	2	...	...	1	1	3	7	1	2	1	...	1
102 Occupants and Tenants of Land, but not Cultivators	...	...	...	...	...	...	...	...	...	...	...	...
103 Farm Day Servants	...	...	...	...	...	...	...	...	...	...	...	...
104 Field Labourers	...	...	...	...	...	...	...	...	...	...	...	...
105 Cattle and Sheep Watchers	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Gardening, &c.*												
106 Gardeners (*Mali* and *Kachia*)	1	3	...	2	...	...	...	...	2	2	...	1
107 Growers and Sellers of Flowers and Garlands.	...	...	...	...	...	...	...	...	...	...	...	...
9. Animals.												
108 Horse Dealers, &c.	...	...	...	...	...	...	...	1	...	...	...	...
109 Jockey Grooms (not domestic service)	1	6	...	39	...	17	6	16	2	15	19	8
110 Veterinary Surgeons, Farriers	...	...	...	...	...	...	...	...	...	...	1	...
111 Horse Shoers (*Nalband*)	...	...	...	...	...	...	...	2	...	...	1	...
112 Cattle and Sheep Breeders (*Dhangar, &c.—Wanjari*)	...	...	...	...	...	...	...	...	...	...	...	...
Fishers.												
113 Fishermen, &c	...	4	...	...	...	9	2	2	6	...	2	...
114 Shikaries and Bird Catchers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
115 Leech Dealers	...	...	...	...	...	...	...	...	...	...	...	...
V.—INDUSTRIAL.												
10. Art and Mechanical Productions,												
(a) *Books.*												
116 Booksellers, Publishers	...	...	...	1	...	...	1	1	...	1	...	...
117 Bookbinders	...	...	...	3	...	1	3	9	1	4	6	1
118 Printers by Steam, Compositors, &c.	...	...	...	4	...	1	1	17	4	7	30	11
119 Newspaper Proprietors, &c.	...	...	...	1	...	...	...	...	...	...	...	...
120 Ditto Agents	...	...	...	...	...	...	...	...	...	...	...	...
121 Library or Book Depôt Keepers	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Musical Instruments.*												
122 Makers, Tuners, &c., of Musical Instruments	...	...	...	...	...	...	...	...	...	...	...	...
123 Music Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...	...

IX—*continued.*

C			D					E							F			G					
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
1	1	2	2	2	...	...	6	...	1	...	1	1	3	...	...	3	22	2	2	...	1	69
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	4	5	6	2	6	8	2	10	1	1	4	12	...	11	1	6	9	3	...	5	109
1	...	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	1	8
...	...	...	...	...	...	...	...	...	...	3	...	...	1	...	...	...	...	...	...	...	...	5
15	2	6	11	11	6	8	9	2	4	2	9	10	16	4	2	...	1	...	1	...	9	257
...	1	...	2	1	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	5
...	...	...	...	...	...	...	...	...	...	2	...	...	2	...	...	...	...	...	...	...	...	10
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
...	2	...	1	1	...	...	...	9	...	1	3	...	2	...	1	10	5	20	23	...	2	105
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	1	1	...	...	2	1	...	...	...	1	...	...	6
1	4	2	1	...	...	...	...	1	1	3	...	1	4	2	1	...	...	...	...	...	1	46
2	5	13	5	14	1	...	1	3	2	5	6	2	4	4	1	...	4	3	2	...	2	154
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper, Middle and Lower.		Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Panaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*contd.*												
10. Art and Mechanical Productions—*contd.*												
(c) *Prints, Pictures.*												
124 Lithographers	...	...	...	...	...	...	...	...	...	...	...	...
125 Print Sellers, Publishers	...	...	...	...	...	...	...	...	...	...	...	...
(d) *Carvings, &c.*												
126 Wood Carvers	...	...	...	...	...	...	...	...	...	...	...	1
127 Artificial Flower Makers	...	...	...	...	...	...	...	...	...	...	...	...
128 Figure Casters (*Otarva*)	...	...	...	...	...	...	...	...	1	...	...	...
(e) *Toys, &c.*												
129 Toy and Kite Makers or Sellers	...	...	...	...	...	...	...	...	...	...	...	...
130 Billiard Table Makers	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Engravings, &c.*												
131 Type Founders	...	...	...	...	...	...	...	...	1	...	...	...
132 Seal Engravers	...	...	...	...	...	...	...	...	...	...	...	...
133 Engravers, &c	...	...	...	...	...	1	...	...	...	...	...	...
(g) *Watches, &c.*												
134 Watch and Clock Makers	...	...	...	3	...	...	...	...	1	4	...	1
(h) *Omitted.*												
135 Opticians, &c.	...	...	...	...	...	...	...	...	...	...	...	...
(i) *Arms, &c.*												
136 Gunsmiths	...	...	...	...	...	...	...	...	...	...	...	...
137 Sword Makers and Polishers (*Shikelgars*)	...	...	...	...	...	...	1	1	...	...	...	...
138 Gunpowder Makers	...	...	...	...	...	...	...	...	...	...	...	...
(k) *Machines and Tools.*												
139 Engine Makers (Fitters, &c.)	...	3	...	13	...	3	2	22	19	2	19	2
140 Spinning, Weaving, &c., Machine Makers	...	...	...	...	...	...	...	...	...	...	...	...
141 Tool Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
142 Cutlers and Grinders	...	...	...	...	...	...	3	1	...	...	...	...
(l) *Carriages, &c.*												
143 Carriage, Cart, and Palki Makers	...	...	...	...	...	...	...	...	...	...	...	...
144 Railway Carriage Makers, Fitters, &c.	...	...	...	...	...	...	...	...	...	...	...	...
(m) *Harness.*												
145 Saddle and Harness Makers	...	...	...	...	...	...	...	...	...	...	...	...
146 Saddle Cloth, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...
147 Whip and Stick Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...

X—*continued.*

C			D					E							F			G					
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chanpati.	Walkeshwar.	Malabarhill.	Mazagaon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	1	3	2	...	...	...	...	7	1	1	17	1	2	4	1	...	...	...	1	...	...	42
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8	8	11	12	7	...	...	...	18	5	17	11	4	8	1	18	1	4	6	6	...	8	233
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*contd.*												
10. Art and Mechanical Productions—*contd.*												
(n) *Boats and Ships.*												
148 Boat and Ship Builders	...	...	...	...	...	...	...	...	...	...	...	...
149 Sailmakers	...	...	...	...	...	...	...	...	...	...	...	...
150 Ship-Chandlers	...	...	...	...	...	...	...	..	...	...	1	...
(o) *Houses and Buildings.*												
151 House-owners, &c.	...	...	...	...	...	...	...	1	...	...	...	...
152 Architects	...	...	...	...	...	...	...	...	...	...	...	...
153 Surveyors and Draftsmen	...	...	...	...	...	...	...	1	...	...	...	1
154 Builders and Contractors	...	...	...	...	...	...	...	...	...	...	...	...
155 Carpenters, Joiners, Sawyers	2	3	...	32	...	12	26	47	7	30	27	4
156 Masons and Bricklayers	2	1	...	...	...	...	2	14	6	2	4	1
157 Tile Turners	...	...	...	...	...	...	...	...	...	2	2	1
158 Plumbers	...	...	...	...	...	...	...	...	...	1	2	...
159 House and Wall Painters	...	...	...	2	...	1	2	4	2	4	6	2
160 Marble Cutters and Dealers	...	...	...	...	...	...	...	...	...	...	...	...
(p) *Furniture, &c.*												
161 Furniture Makers and Dealers and Upholsterers	...	...	...	..	...	4	4	4	...	4	5	2
162 Carvers and Gilders	...	..	...	...	...	...	1	...	...	1	2	...
163 Undertakers and Carriers of Dead Bodies	...	...	...	...	...	...	...	2	...	...	1	1
164 Curiosity Dealers	...	...	...	...	...	...	...	..	...	...	...	...
(q) *Chemicals and Combustibles.*												
165 Fireworks Makers, &c.	...	...	...	...	...	..	...	...	...	...	...	...
166 Matches Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
167 Saltpetre Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
168 Ink, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...
11. Textile Fabrics.												
(a) *Wool.*												
169 Blankets and Woollen Makers and Cleaners by Steam	...	...	...	...	...	...	...	...	...	...	...	...
170 Blankets and Woollen Makers and Wool Cleaners by Hand	...	...	...	...	...	...	1	...	...	...	...	...
171 Felt (*Namda*) Makers and Sellers	...	...	...	..	...	...	...	...	...	...	...	...
172 Fullers	...	...	...	...	...	...	...	...	...	...	...	...
173 Carpet and Rug Makers and Dealers	...	...	...	...	...	...	...	...	...	1	...	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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37	14	34	13	35	4	1	3	37	6	6	23	5	21	5	9	5	7	19	8	...	9	481
11	15	19	6	8	1	1	1	3	5	4	55	3	7	3	1	...	3	1	1	...	2	182
1	1	3	4	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	31
1	1	...	1	1	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	10
6	5	9	1	5	1	1	...	1	...	3	2	1	3	2	1	...	...	2	...	...	1	67
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	1	4	3	...	1	...	...	1	...	1	2	...	1	...	...	...	...	...	...	...	...	38
1	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	9
...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2	...	2	10
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	Occupation or Trade of Family.	A					B						
		Colaba.											
		Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Panaswadi.
		1	2	3	4	5	1	2	3	4	1	2	3
	CLASS V.—INDUSTRIAL—*contd.*												
	11. Textile Fabrics—*contd.*												
	(b) *Silk.*												
174	Silk Workers by Hand	...	...	...	...	...	...	...	...	...	2	...	1
175	Ditto by Steam	...	...	...	...	...	...	...	...	...	...	...	...
176	Silk Dyers	...	...	...	...	...	...	...	...	...	...	...	...
177	Silk Makers	...	...	...	...	...	1	1	1	...	1	...	...
	(c) *Cotton and Flax.*												
178	Cotton Dyers	...	...	...	...	...	...	9	5	2	3	3	1
179	Lace Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
180	Tape Makers, &c. (*Rural*)	...	...	...	...	...	...	...	...	...	...	...	...
181	Cotton Spinners, Cleaners and Weavers by Steam	...	...	...	...	...	...	...	...	...	...	...	...
182	Cotton Spinners, Cleaners and Weavers by Hand	...	...	...	...	...	...	8	8	...	...	...	...
183	Mill Managers, Clerks, &c.	...	...	...	3	...	...	...	...	...	...	...	...
184	Calico Printers	...	...	...	...	...	...	...	...	...	...	...	...
185	Calenderers	...	...	...	...	...	...	...	...	...	...	...	...
	(d) *Miscellaneous Workers.*												
186	Spinners and Weavers and Factory Workers (unspecified)	2	...	...	1	...	...	3	17	...	1	2	...
187	Embroiderers and Brocade, &c., Makers	...	...	...	...	...	...	5	14	...	...	...	...
188	Cotton Goods Sellers, Drapers	...	...	...	2	...	4	15	4	1	19	11	1
	(e) *Dress.*												
189	Barbers, Hair Dressers, &c.	...	5	...	6	3	7	3	9	12	12	2	4
190	Turban, Cap and Hat Makers	...	...	...	2	...	1	...	...	...	...	...	...
191	Turban Folders	...	...	...	...	...	3	1	1	...	4	1	1
192	Caste-mark Makers	...	...	...	...	...	...	...	...	...	...	...	...
193	Tailors	...	3	...	14	2	27	34	25	4	30	27	3
194	Milliners and Dress Makers	...	...	...	...	...	...	...	...	...	...	...	...
195	Glove and Stocking Makers	...	...	...	...	...	...	...	...	...	...	...	...
196	Shoe and Boot Makers	...	...	...	1	...	4	7	14	...	1	29	1
197	Button Makers	...	...	...	...	...	...	...	...	...	...	...	...
198	Umbrella Makers and Sellers	...	...	...	...	...	...	...	3	...	...	...	...
199	Shawl Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
200	Punkha and Fan Makers	...	...	...	...	...	...	...	...	...	...	...	...
	(f) *Jute, Tents, Ropes, &c.*												
201	Workers and Sellers of Jute	...	...	...	2	...	9	...	...	...	...	...	...
202	Rope and Cord Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
203	Tent Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...
204	Coir Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...

IX—*continued.*

C			D					E							F			G		Water Division.	Non-Resident and Unknown.	TOTAL.
Bhuleshwar.	Khara Talao.	Kumbharwada.	Kletwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.			
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
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2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
27	7	5	...	...	...	...	..	...	2	...	3	1	...	3	1	1	2	11	6	...	...	92
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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1	1	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	21
1	1	...	...	...	...	1	1	1	1	...	...	2	2	...	2	...	...	1	1	...	2	19
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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2	10	2	14	...	...	...	1	3	3	60	77	29	169	7	1	...	2	3	...	...	4	413
9	9	...	...	...	...	...	...	...	...	4	...	...	...	1	...	...	...	...	...	...	...	42
8	3	2	3	1	...	2	...	...	1	3	2	1	3	...	2	...	...	4	...	...	...	92
6	5	10	42	1	...	1	...	...	4	2	13	3	14	3	6	2	4	5	4	...	3	191
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28	14	24	16	9	2	1	1	4	1	10	15	5	21	1	8	...	2	...	1	...	6	338
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15	60	23	1	7	...	...	...	...	1	38	26	7	25	...	13	...	4	17	12	...	2	308
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Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Parasawadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*contd.*												
12. Foods, Drinks and Stimulants.												
(a) *Animal Food.*												
205 Cow Keepers, Milk Sellers	1	9	...	9	...	4	3	1	2	10	26	8
206 Sellers of Ghee, Butter, Cheese	...	...	...	2	...	3	...	1	...	...	1	...
207 Butchers, Slaughtermen and Meat Sellers	...	1	...	...	...	9	14	11	...	...	1	...
208 Fowl Sellers (Poulterers)	...	...	...	1	...	...	1	2	...	1	...	...
209 Fish Salesmen	...	...	...	1	...	...	...	1	...	...	...	...
210 Provision Dealers, Bazar Suppliers	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Vegetable Food.*												
211 Grain, Pulse and Flour Dealers	...	5	...	3	...	30	6	5	11	11	4	3
212 Millers (*Gola*), (Grinders & Huskers of Grain)	...	...	...	...	...	...	1	...	1	1	...	...
213 Grain Parchers (*Bhadbhunjas*)	...	...	...	...	...	...	...	2	...	...	...	...
214 Bakers	...	...	...	1	...	1	1	2	...	...	7	...
215 Sweetmeat Makers & Sellers & Pastry Cooks	...	2	...	5	...	3	1	4	2	5	4	...
216 Fruit and Vegetable Dealers	...	1	...	1	1	32	13	21	15	6	12	...
(c) *Drinks and Stimulants.*												
217 Brewers	...	...	...	...	...	...	...	...	...	...	...	...
218 Wine and Spirit Dealers	...	...	...	2	...	1	...	3	1	1	5	1
219 Distillers and Toddy Drawers	...	...	...	...	...	1	...	2	2	...	1	...
220 Soda Water, &c., Makers and Dealers	...	...	...	...	...	...	...	1	...	...	...	...
221 Sugar and *Gol* Makers and Dealers	...	...	...	...	...	1	...	...	...	...	...	...
222 Grocers, Spice Dealers	...	2	...	8	...	8	8	13	2	11	3	3
223 Tea Dealers and Tasters	...	...	...	4	...	2	2	7	...	2	1	2
224 Tobacco and Snuff Manufacturers and Sellers	...	...	...	...	...	1	1	2	...	...	1	1
225 Opium, Chundool Sellers, &c.	...	...	...	...	...	...	...	1	...	...	...	...
226 Bhang, Ganja Sellers	...	...	...	...	...	...	...	...	...	...	...	...
227 Pán and Betel Sellers	...	...	...	2	...	3	3	7	2	4	2	...
228 Perfume Makers and Dealers	...	...	...	...	...	2	2	...	...	1	...	1
229 Makers and Sellers of Sherbet	...	...	...	...	...	...	...	...	...	...	...	...
230 Ditto ditto Vinegar	...	...	...	...	...	...	...	...	...	...	...	...
13. Animal Substances.												
231 Soap Makers and Sellers	...	...	...	...	...	...	...	1	...	...	...	...
232 Comb Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
233 Bone and Horn Dealers	...	...	...	...	...	...	...	...	...	...	...	...
234 Ivory Carvers and Dealers	...	...	...	...	...	...	1	...	...	...	...	...
Leather.												
235 Hide and Skin Dealers	...	...	...	...	...	...	1	...	...	...	...	...
236 Tanners and Curriers	...	...	...	...	...	...	...	1	...	...	...	...
237 Leather Workers & Sellers (not Shoemakers)	...	...	...	...	...	...	1	2	...	...	...	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
2	2	6	10	1	...	1	2	2	2	3	12	1	5	30	2	1	1	...	2	...	2	160
...	3	3	...	1	...	...	1	1	...	2	2	...	6	...	...	...	...	1	...	...	...	7
...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	1	...	...	1	...	...	...	64
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
4	12	6	3	5	1	...	1	3	...	3	4	1	2	...	2	...	1	3	...	...	...	128
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	2	...	...	...	...	...	...	1	...	...	...	1	...	...	1	...	...	1	...	...	1	9
1	1	...	2	...	1	...	...	1	...	2	2	1	...	...	...	...	...	2	...	...	...	25
6	3	9	3	1	...	...	...	2	4	1	1	2	6	1	...	...	1	1	2	...	1	70
11	12	11	7	5	3	2	5	4	11	3	6	1	24	2	14	...	1	3	5	...	4	236
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	2	...	...	2	...	...	1	1	...	...	...	...	3	...	...	...	1	1	...	...	...	23
...	1	3	1	1	2	1	...	...	1	2	...	...	...	...	2	...	...	16	1	...	1	41
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
4	10	8	1	3	1	...	2	1	...	4	6	...	3	...	1	...	...	1	...	...	...	103
...	1	...	1	1	...	...	...	...	...	...	...	...	2	1	...	...	...	1	...	...	...	27
1	4	...	2	2	...	...	...	...	...	1	1	...	1	1	3	...	1	3	1	...	2	29
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	4	5	1	1	...	...	...	2	1	1	3	1	4	...	1	...	...	1	2	...	...	56
...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	3	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	19	...	...	...	27
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	4

	Occupation or Trade of Family.	A					B							
		Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Panaswadi.
		Upper.	Middle and Lower.										
		1	2	3	4	5	1	2	3	4	1	2	3
	CLASS V.—INDUSTRIAL—*contd.*												
	14. Vegetable Substances.												
	(a) *Gums, Oils, &c.*												
238	Oil Pressers, Oil Cake Makers and Sellers	...	...	...	1	...	3	...	5	1	..	2	...
239	Lac Makers	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Wood, &c.*												
240	Wood and Timber Dealers	...	...	...	...	..	1	6	6	2	1	...	...
241	Wood Turners (*Kantaras*)	...	...	...	...	...	...	...	...	...	...	...	...
242	Lacquer Workers	...	...	...	...	...	...	...	...	...	...	...	...
243	Bamboo Dealers	...	...	...	...	...	...	...	...	...	...	...	...
244	Firewood Sellers	..	...	...	...	...	1	1	1	...	...	...	...
245	Coopers	...	...	...	...	...	...	...	...	...	...	1	...
246*	Broom Makers	2	...	...	...	...	...	...	...	...	...	...	...
247	Basket and Cane Workers and Sellers	...	...	...	...	...	1	2	4	...	1	...	...
248	Grass and Forage Dealers	...	1	...	...	...	...	1	...	4	1	...	...
249	Hay Pressers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
250	Sellers of Grass for Thatch	...	...	...	...	...	...	...	...	...	...	...	...
251	Thatchers (*Chapperband*)	...	...	...	...	...	...	...	...	...	..	...	...
	(c) *Paper.*												
252	Rag Dealers	...	...	...	...	...	...	...	...	...	...	...	...
253	Paper Makers	...	...	...	...	...	...	...	...	...	...	...	...
254	Stationers and Dealers in Paper	...	...	...	...	..	...	...	...	...	1	...	...
	15. Mineral Substances.												
	(a) *Omitted.*												
255	Coal Merchants, Shippers, &c	...	...	...	...	...	1	1	4	11	...	...	1
256	Gas Works Service	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Coal.*												
257	Charcoal Sellers, &c.	...	...	...	...	...	...	1	...	...	...	...	...
258	Cowdung Cake Sellers	...	...	...	...	...	...	...	...	...	...	...	...
	(c) *Stone-clay.*												
259	Stone Quarrymen (*Beldars, Valdars, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...
260	Stone Cutters (*Patharvats, Salats*)	...	...	...	...	...	...	1	6	...	1	1	1
261	Lime Makers and Sellers (*Lonaris, Chunaras, &c.*)	...	...	...	...	...	...	5	1	...	...	...	...
262	Brick, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...
263	Railway Earth Workers	...	...	...	...	...	...	...	...	...	...	...	...
264	Grindstone Makers and Sellers (*Chaksalis*)	...	...	...	...	...	...	...	...	...	...	...	...

IX—*continued.*

C			D					E							F			G				
Phuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
10	6	...	...	1	...	...	...	2	1	2	2	2	1	...	1	...	...	...	...	...	...	40
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	2	...	...	1	...	2	...	...	...	...	...	...	...	...	1	...	...	...	22
1	1	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	10
...	...	...	...	...	1	...	...	1	1	...	1	5	5	...	2	...	...	1	...	...	...	2
1	4	...	2	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	1	...	...	21
2	3	...	1	1	...	...	...	...	...	...	5	...	1	...	...	...	...	...	...	1	1	19
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	32
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	7	4	...	...	...	...	2	2	...	2	1	2	...	2	...	...	...	1	...	1	40
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
2	11	6	3	...	...	...	1	5	1	2	...	...	8	3	3	1	...	...	1	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	62
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	Occupation or Trade of Family.	A					B							
		Colaba.												
		Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
		1	2	3	4	5	1	2	3	4	1	2	3
	CLASS V.—INDUSTRIAL—*contd.*												
	15. Mineral Substances—*contd.*											D	
	(d) *Earthenware.*												
265	Potters	...	...	...	...	...	...	...	...	1	...	...	...
266	Hooka Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
	(e) *Glass.*												
267	China Glass Dealers	...	...	...	...	...	...	...	1	...	...	...	...
268	Glass Makers and Sellers	...	...	...	1	...	...	5	3	...	...	...	...
269	Bangle Makers and Sellers	...	...	...	...	...	2	1	4	...	...	...	1
270	Bead Makers and Sellers (*Maniaris*)	...	...	...	...	...	...	1	2	...	...	...	...
	(f) *Salt.*												
271	Salt Makers (*Mitagrias, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...
272	Salt Brokers and Dealers	...	...	...	...	...	...	3	3	1	...	...	...
	(g) *Water.*												
273	Water Works Service	...	...	...	...	...	...	...	...	...	...	...	...
274	Well Sinkers	...	...	...	...	...	...	...	...	...	...	...	...
275	Ice Dealers and Makers	...	...	...	...	...	...	...	1	...	...	...	...
	(h) *Gold, Silver, and Jewellery.*												
276	Gold and Silversmiths	...	2	...	5	1	12	2	5	7	23	19	17
277	Precious Stone Dealers, &c.	...	...	...	1	...	1	5	...	...	12	1	1
278	Lapidaries (Stone Cutters)	...	...	...	...	...	...	...	...	...	2	...	...
279	Electroplaters	...	...	...	...	...	...	...	...	...	1	...	...
280	Plate Dealers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
281	Assayers (*Choksis*), Dealers in Gold and Sellers	...	...	...	...	...	...	...	...	...	2	...	...
282	Gold and Silver Lace Makers	...	...	...	...	...	...	...	...	...	...	...	...
283	Wire Drawers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
284	Gold Washers (*Zarekaris* or *Dhuldhoyas*)	...	...	...	...	...	...	...	2	...	...	...	...
	(i) *Copper.*												
285	Coppersmiths	...	...	...	...	...	...	3	1	...	6	1	6
	(k) *Tin.*												
286	Tinmen and Tinware Dealers	...	...	...	3	...	3	7	6	...	1	1	...
	(l) *Brass.*												
287	Brass Smiths and Dealers in Brass	...	...	...	...	...	1	1	1	1	...	...	...
288	Locksmiths (*Kunchgars*)	...	...	...	...	...	...	1	1	...	...	...	...
289	Gas Fitters	...	...	...	...	...	...	...	...	...	...	...	...
290	Lamp and Lantern Makers	...	...	...	...	...	...	...	...	...	...	...	...

IX – *continued.*

C			D					E							F			G		Water Division.	Non-Resident and Unknown.	TOTAL.
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.			
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	8	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	4	6	...	...	21
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	2	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1
1	...	...	1	2	1	...	...	...	...	...	1	2	3	...	2	...	...	...	...	...	...	10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	2	1	...	1	...	...	1	...	...	...	...	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
2	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	6
12	3	12	3	14	1	...	1	4	2	3	5	1	5	2	3	3	3	4	...	...	4	178
1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	23
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
9	3	21	2	8	1	...	...	3	1	...	4	1	...	...	1	...	1	5	1	...	1	79
2	9	2	1	2	...	...	...	4	...	3	1	...	...	1	2	...	...	...	...	...	3	51
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*concld.*												
15. Mineral Substances—*concld.*												
(m) *Iron and Steel.*												
291 Blacksmiths	...	...	...	...	...	7	21	14	6	13	1	1
292 Hardware and Iron Mongers	...	...	...	...	...	...	3	2	...	...	...	...
293 Nail Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
VI.—OTHERS AND UNSPECIFIED.												
16. Indefinite.												
(a) *General Labourers.*												
294 General Labourers and Coolies	5	138	2	162	46	385	95	360	464	234	258	173
295 Mechanics, Artizans (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...
296 Enginemen, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Indefinite.*												
297 Factory Labourers (unspecified)	1	42	...	7	1	12	1	34	32	10	15	13
298 Shopmen, &c. (unspecified)	1	1	...	11	...	23	40	28	5	39	17	9
299 Contractors, &c. (unspecified)	...	...	...	...	1	3	...	...	...	...	4	...
300 Millowners, &c. (unspecified)	...	...	...	...	...	...	...	1	...	...	...	...
17. Persons of Independent Means.												
301 Living on Property (funded rents, &c.)	...	...	...	4	...	11	16	12	6	11	5	4
302 Pensioners (unspecified)	1	4	...	6	1	2	2	4	...	6	19	4
18. Others.												
303 Mendicants	2	4	...	12	4	45	31	69	14	21	23	11
304 Prisoners	...	...	...	...	...	...	...	...	...	...	...	...
305 Prostitutes and Pimps	...	...	...	1	...	...	...	...	...	1	2	15
306 Others	...	5	...	5	2	1	1	...	1	3	2	3
307 Males following no occupation	15	41	3	198	12	159	134	216	134	172	190	90
308 Females do. do.	14	91	3	439	31	526	530	847	347	460	492	236
309 Children, Males	18	118	...	302	58	445	375	649	379	309	380	167
310 Do. Females	19	106	2	280	45	364	377	632	360	288	323	177
Grand Total	115	691	17	1970	267	2576	2136	3591	2024	2263	2414	1168

IX—*concluded.*

C			D						E								F			G					
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
5	2	11	4	2	...	...	1	3	...	1	4	1	11	1	8	...	2	4	1	...	...	124
...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
125	125	539	306	154	30	14	33	222	111	136	500	321	429	120	241	84	58	98	127	2	218	6155
...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	1	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	12	55	57	55	32	1	72	143	161	32	120	130	478	19	506	35	55	93	280	...	46	2565
23	25	16	11	11	2	1	1	6	...	13	11	3	13	10	8	2	1	6	1	...	80	418
1	4	1	...	3	1	...	3	...	...	...	5	1	...	1	1	...	...	...	...	...	...	29
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2
17	4	7	5	8	2	1	...	4	...	5	2	1	2	...	1	...	1	1	...	...	...	130
5	2	5	4	12	3	...	...	4	...	5	7	2	7	1	2	...	3	6	7	...	2	126
76	44	68	27	33	...	15	9	11	7	45	55	18	56	4	17	1	5	28	13	1	181	950
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
...	2	8	7	10	...	...	...	...	...	...	3	2	...	...	...	...	1	...	...	...	1	53
1	3	3	2	3	...	1	...	4	1	1	4	5	6	...	3	...	3	1	1	...	18	83
180	146	141	126	166	48	34	38	184	71	163	191	81	276	26	133	18	51	95	55	3	366	3956
540	485	498	336	429	87	49	77	456	180	495	504	225	793	118	356	38	134	292	240	1	250	10599
301	357	421	307	296	77	48	95	424	183	303	473	316	787	146	430	58	155	293	237	4	223	9134
301	320	358	279	273	61	35	65	351	204	297	464	250	781	129	431	43	148	259	216	1	154	8393
2221	1952	2606	1816	1907	416	270	498	2135	1055	1852	2880	1611	4321	687	2420	375	753	1466	1315	50	1887	53530

STILL-BORN in different RACES and CASTES, arranged in Quarters, for the Year beginning 1st January 1898.

	MALES.																FEMALES.																PERSONS.																	
	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, Low-Caste.	Musulman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, Low-Caste.	Musulman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, Low-Caste.	Musulman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	
January	2	3	..	1	28	7	12	5	2	4	..	..	1	..	..	66	4	..	..	1	19	8	8	5	2	..	1	..	..	..	4	43	6	3	..	2	47	15	17	5	1	5	..	..	..	..	4	109	January.
February	3	..	1	2	26	6	8	3	2	..	1	..	..	..	2	54	3	3	..	2	24	7	13	1	..	1	..	..	..	..	2	56	6	3	..	2	50	13	20	4	2	1	..	..	..	..	4	106	February.
March	2	..	1	2	31	12	15	1	..	2	..	..	..	..	3	68	1	1	..	2	14	6	11	3	..	1	..	..	..	..	1	41	1	3	..	2	45	18	26	4	..	3	..	1	..	..	4	107	March.
Quarter 1st	5	5	..	..	85	25	35	7	3	6	..	1	..	..	5	177	8	4	..	4	57	21	28	6	..	3	..	1	..	..	7	139	13	9	..	4	142	46	63	13	3	9	..	2	..	..	12	316	Quarter 1st.
April	3	..	1	2	30	6	15	1	..	2	..	..	..	..	1	63	..	1	..	..	13	4	8	2	..	4	..	1	..	..	..	33	4	..	1	2	43	10	23	3	..	6	..	1	..	1	81	April.
May	2	..	..	..	33	10	16	3	1	1	..	..	..	..	2	68	..	2	..	..	16	5	18	3	..	..	..	..	..	..	1	45	3	2	..	..	49	15	34	6	1	1	..	..	..	..	3	113	May.
June	2	..	..	..	27	7	11	3	3	2	..	1	..	..	4	60	2	2	1	..	26	6	9	..	..	2	..	..	..	..	1	48	4	2	1	..	52	13	20	3	3	4	..	1	..	..	5	108	June.
Quarter 2nd	5	3	..	1	80	23	42	7	4	5	..	1	..	..	8	179	2	5	1	..	55	15	35	5	..	6	..	1	..	..	2	125	7	8	1	1	133	38	77	12	4	11	..	2	..	1	10	304	Quarter 2nd.
July	2	..	..	1	34	17	27	4	1	2	3	2	..	..	2	95	2	2	..	..	16	12	11	..	..	1	..	1	..	..	..	45	4	2	..	1	59	29	38	4	1	3	3	3	..	..	2	140	July.
August	3	3	..	..	36	17	21	6	..	2	1	..	..	..	2	88	2	2	..	..	25	7	23	7	1	2	..	..	..	..	..	80	4	4	..	..	71	24	44	13	1	4	1	..	..	..	3	169	August.
September	3	5	..	2	55	12	14	3	..	2	..	..	2	..	3	101	1	2	..	..	30	21	15	3	..	2	..	3	..	..	1	78	4	7	..	2	85	35	29	6	..	4	..	3	2	..	4	179	September.
Quarter 3rd	7	7	..	3	125	46	62	13	1	6	4	2	2	..	7	283	5	6	..	..	81	40	49	10	1	5	..	4	..	..	3	203	12	13	..	3	206	88	111	23	2	11	4	6	2	..	9	488	Quarter 3rd.
October	1	1	..	1	45	23	17	4	..	1	..	..	..	..	1	93	1	4	1	1	28	8	12	2	..	5	..	1	..	..	1	64	2	5	1	2	73	31	28	6	..	4	..	1	..	..	1	157	October.
November	1	..	2	4	48	21	31	1	..	1	..	..	..	..	1	110	..	2	..	..	31	7	19	4	..	3	..	..	..	..	1	68	1	3	..	2	77	28	50	5	..	4	..	1	..	..	1	178	November.
December	4	1	..	2	33	9	18	6	..	3	1	..	..	..	2	77	3	1	..	..	24	10	18	2	..	3	..	1	..	..	1	57	3	5	1	..	57	19	30	8	..	6	1	1	..	..	3	134	December.
Quarter 4th	6	1	2	9	124	53	66	11	..	5	1	..	..	..	3	279	4	7	1	1	83	25	43	8	..	11	..	2	..	..	2	187	5	13	2	4	207	78	109	19	..	16	1	2	..	..	5	461	Quarter 4th.
Year	18	21	1	7	414	147	205	38	8	22	8	4	2	..	24	906	19	22	2	5	274	101	155	29	1	25	..	8	..	..	13	654	37	43	3	12	688	248	360	67	9	47	5	12	2	..	26	1560	Year.

MALES.	FEMALES.	PERSONS.
Jains.	Jains.	Jains.
Brahmins.	Brahmins.	Brahmins.
Lingaets.	Lingaets.	Lingaets.
Bhatias.	Bhatias.	Bhatias.
Hindus of other Castes.	Hindus of other Castes.	Hindus of other Castes.
Hindus, Low-Caste.	Hindus, Low-Caste.	Hindus, Low-Caste.
Musulman.	Musulman.	Musulman.
Parsees.	Parsees.	Parsees.
Jews.	Jews.	Jews.
Native Christians.	Native Christians.	Native Christians.
Eurasians.	Eurasians.	Eurasians.
Europeans.	Europeans.	Europeans.
Negro-Africans.	Negro-Africans.	Negro-Africans.
Buddhists.	Buddhists.	Buddhists.
Other and Unknown Races and Castes.	Other and Unknown Races and Castes.	Other and Unknown Races and Castes.
All Races.	All Races.	All Races.

STILL-BORN in different LOCALITIES, arranged in Quarters, for the Year beginning 1st January 1898.

	A						B					C						D						E								F			G				
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagaon.	Tarwadi.	2nd Naupada.	Kamathipura.	Tardeo.	Byculla.	1st Naupada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-Resident and Unknown.	Total.	
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2					
January	..	9	..	13	6	28	3	6	4	9	22	4	6	..	1	5	6	22	4	3	2	1	1	11	6	6	2	2	4	6	1	27	3	1	1	5	..	2	2	4	103	January.
February	..	..	..	6	1	7	5	5	6	2	18	3	3	1	..	5	2	14	3	5	2	1	..	11	3	2	2	7	2	15	1	32	4	..	..	4	4	5	9	11	106	February.
March	1	..	..	3	..	4	3	3	3	3	18	1	1	..	..	5	5	12	10	7	1	3	5	4	3	2	3	5	4	8	2	30	8	..	1	9	6	3	9	8	107	March.
Quarter 1st..	1	9	..	22	7	39	11	14	13	14	52	8	10	2	14	11	14	59	8	13	6	2	3	32	16	9	7	14	10	23	4	83	15	1	2	18	10	10	20	28	316	Quarter 1st.
April	1	..	..	3	..	4	3	7	2	2	14	3	2	..	2	5	..	12	..	2	..	1	..	3	4	1	4	3	2	10	1	25	1	1	7	9	7	3	10	4	81	April.
May	1	..	..	3	..	4	2	9	8	7	26	5	2	..	4	8	2	21	4	5	3	..	1	13	3	4	4	1	12	1	25	4	1	2	7	5	4	9	5	115	May.
June	..	..	..	1	..	1	5	6	11	4	26	1	5	3	4	4	2	19	1	4	2	..	1	8	5	4	7	2	3	8	3	28	2	2	1	5	7	3	10	10	108	June.
Quarter 2nd..	1	2	..	7	..	10	10	17	21	20	68	9	9	3	9	17	5	52	1	7	2	1	3	14	17	9	15	13	6	34	2	96	7	4	11	22	19	10	29	19	301	Quarter 2nd.
July	1	..	..	1	..	2	7	10	13	8	38	2	5	3	5	7	2	24	2	6	..	..	2	9	3	2	7	7	8	6	..	33	11	..	2	13	5	7	12	9	140	July.
August	..	..	..	3	2	5	8	7	20	8	43	4	8	1	6	8	4	31	4	6	3	..	1	14	3	2	4	8	7	9	3	36	13	2	1	16	6	7	13	13	169	August.
September	..	..	..	8	6	14	14	8	14	6	42	5	4	2	6	4	6	27	5	3	..	2	1	11	3	4	7	8	2	9	..	33	12	1	4	17	9	7	16	17	179	September.
Quarter 3rd..	1	..	..	14	8	23	29	22	47	22	120	11	17	7	17	19	11	82	11	13	3	4	3	34	15	8	18	24	13	24	3	104	36	3	7	45	30	21	41	39	488	Quarter 3rd.
October	1	1	..	4	..	6	6	7	12	9	34	3	2	2	3	6	5	20	6	11	..	1	2	20	6	3	8	3	9	11	2	41	3	4	5	12	7	5	12	12	157	October.
November	..	1	..	3	4	8	8	7	10	13	38	3	3	2	4	9	8	27	4	6	..	1	1	12	6	2	5	13	4	7	11	47	8	2	3	13	4	7	11	12	170	November.
December	1	4	..	6	3	14	4	6	11	5	26	6	6	2	5	3	2	26	1	4	..	1	2	8	4	..	7	12	3	9	1	36	8	1	3	13	4	1	5	6	134	December.
Quarter 4th..	2	6	..	13	7	28	18	20	33	27	98	12	10	7	17	18	14	73	11	21	..	3	5	40	15	4	20	28	20	34	3	124	20	7	11	38	15	13	28	30	461	Quarter 4th.
Year..	5	10	..	46	17	78	75	77	119	71	342	40	46	19	57	62	44	268	31	54	11	10	14	120	63	30	69	79	49	117	12	409	78	14	31	123	64	54	118	111	1569	Year.

	A						B					C						D						E								F			G				
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagaon.	Tarwadi.	2nd Naupada.	Kamathipura.	Tardeo.	Byculla.	1st Naupada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-Resident & Unknown.	Total.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2				
	A						B					C						D						E								F			G				

XLII.

NUMBER OF DEATHS AND STILL-BORN in various HINDU CASTES, JAIN AND MUSSULMAN RACES, registered during the Year beginning 1st January 1898.

CASTES AND RACES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
HINDU CASTES. *Males.*													
Agree	25	19	45	11	10	4	9	6	11	10	11	5	166
Barote	1	2	5	1	...	...	...	...	...	...	2	8	19
Beldar	...	1	...	...	...	...	...	...	...	...	1	1	3
Bhat	...	...	1	...	...	...	...	...	...	...	...	...	1
Bhoee	16	20	8	6	4	...	...	2	4	5	2	4	71
Bhaossar	7	12	6	...	3	4	...	2	6	2	4	2	48
Bhandaree	65	92	94	58	31	22	19	28	34	30	33	47	553
Bhandaree-Kitay	2	1	3	...	...	...	...	1	...	...	...	...	7
Bhansali	6	9	3	...	...	2	3	5	7	5	2	1	43
Boorood	4	2	4	1	1	...	3	...	4	1	1	...	21
Bairagi, Gosavee	11	5	4	5	1	...	1	3	3	4	4	2	43
Chachee	1	9	4	3	3	...	5	1	...	...	...	...	26
Charkulsee	3	1	1	...	...	...	1	...	1	...	...	...	7
Chutree	4	1	1	5	9	...	10	20	5	...	...	...	55
Dhobi	46	56	56	51	17	20	10	12	11	21	13	9	322
Dewli	1	...	...	...	...	...	1	1	...	...	...	2	5
Dhungur	8	4	11	2	3	2	3	5	7	6	1	4	56
Gaolee, Aheer	...	1	2	1	6	...	1	1	2	5	...	2	21
Gavundee	...	...	9	...	...	...	...	1	1	...	1	...	12
Gaolee	27	30	41	22	5	13	14	12	10	16	7	8	205
Goorao	3	3	1	7	...	...	...	1	...	3	1	5	24
Gola Rana	2	2	2	3	1	2	...	...	2	2	1	1	18
Hindu	586	918	713	355	168	106	122	181	206	178	117	188	3838
„ Wanee	2	5	23	...	...	...	...	...	...	...	...	...	30

„ Soortee	1	11	19	...	...	2	...	...	...	5	8	4	50
„ Madrasi	1	...	1	...	...	4	...	...	...	3	2	3	14
Kasar	31	36	30	15	7	2	4	10	13	7	5	7	167
Kharwa	32	25	22	12	4	4	3	6	3	8	2	9	130
Khutri	52	59	44	18	1	8	1	5	11	21	11	10	241
Koombhar	10	9	19	10	6	5	4	9	6	5	9	5	97
Kunbi	46	41	41	26	15	13	15	8	17	8	7	18	255
Kosti	9	7	4	10	1	2	...	2	4	1	..	...	40
Koli	55	93	48	29	16	16	21	21	21	24	22	23	389
„ Soortee	2	...	1	...	...	...	...	...	...	...	...	...	3
Kamati	8	4	6	2	...	1	...	1	4	3	1	1	31
„ Phoolmali	...	25	62	19	9	15	5	11	16	19	5	8	194
Komtee	6	1	...	...	...	...	...	...	1	...	1	1	10
Lohana	65	74	68	38	24	19	28	37	53	45	27	24	502
Lohar	22	25	21	12	7	6	8	6	13	13	8	4	145
Mali	41	24	27	17	7	4	7	6	14	12	5	6	170
Mangeli	...	...	...	...	4	...	3	5	2	3	....	1	18
Mooltani	1	1	1	...	...	...	...	1	...	...	...	..	4
Marathee	672	900	1413	784	363	245	325	477	561	574	371	510	7195
Nahavee	23	31	31	20	7	6	9	9	6	25	5	10	182
Panchkulsee	...	11	20	10	5	2	4	4	4	3	1	2	66
Parbhoo, *Kaista*	16	32	38	10	4	5	9	5	6	4	5	12	147
„ Pattanay...	1	...	3	1	2	...	...	2	...	1	...	...	10
Purdessi	56	66	94	63	20	14	6	13	27	25	24	35	443
Rajpoot	1	6	5	1	1	1	...	1	...	5	...	...	21
Rawool	1	...	...	...	...	...	...	...	...	...	...	...	1
Salee...	15	17	15	5	1	2	5	4	9	4	4	2	83
Shenvee	4	4	17	5	1	1	...	1	1	5	1	...	40
Shimpee	51	50	53	21	14	11	10	20	23	24	19	20	316
Sonar	35	55	82	24	12	8	10	15	20	32	16	17	326
Sone Kolee...	9	7	1	17	9	...	7	6	5	...	...	...	61
Sutar	15	27	22	11	3	6	5	5	5	12	7	11	129
Surtee Kolee	10	2	...	...	...	...	3	1	1	...	...	...	17
Tellee	29	26	26	13	13	3	5	6	5	7	13	20	166
Tellungee	10	6	2	1	1	...	1	2	4	2	3	4	36
Thackoor	4	5	9	1	1	...	...	2	2	...	2	2	28
Vaisshya Wanee	25	44	36	22	14	4	10	8	22	15	9	11	220
Wagree	3	4	...	...	...	1	2	1	1	2	2	6	22
Wunjaree	8	10	18	2	6	3	2	3	4	3	6	3	68
Jingur	1	1	...	...	1	1	1	...	...	...	..	...	5

Castes and Races.	January.	February.	March.	April	May.	June	July.	August.	September.	October.	November.	December.	Total.
Hindu Castes. *Females.*													
Agree	12	24	39	22	10	4	6	3	9	12	4	11	156
Barote	...	...	1	...	...	...	...	...	...	1	1	1	4
Beldar	...	1	...	1	...	...	...	...	...	...	...	...	2
Bhoee	19	5	5	3	2	5	...	2	3	2	2	3	51
Bhaosar	12	4	6	...	2	2	2	3	...	...	1	3	35
Bhandaree	72	66	92	42	21	12	16	22	33	42	26	33	477
„ Kittay	1	1	2	...	1	...	...	1	5	...	...	1	12
Bhansalee	4	5	2	1	...	1	1	5	1	5	...	3	28
Boorood	3	5	7	2	...	1	2	2	2	...	1	2	27
Bairagi, Gosavee	4	1	4	1	2	2	1	2	1	6	...	...	24
Chachee	3	3	1	2	...	...	...	...	...	...	...	1	10
Charkulsee	...	6	...	...	...	...	1	1	...	...	...	1	9
Chutree	...	10	1	2	16	...	11	10	5	...	...	...	55
Dhobee	35	32	54	28	15	13	8	8	21	14	10	6	244
Dewli	3	...	...	...	1	...	...	...	...	1	...	...	5
Dhungur	7	12	5	3	3	2	4	4	3	6	3	7	59
Gaolee, Aheer	...	...	...	2	...	1	...	...	1	1	5	...	10
Gavundee	...	1	9	...	...	1	...	1	...	...	1	...	13
Gaolee	19	23	29	15	11	10	10	6	11	10	7	10	161
Goorao	3	2	12	...	2	3	1	1	...	1	...	3	28
Gola Rana	7	3	...	3	...	1	...	2	4	...	1	1	22
Hindu	240	391	327	138	60	48	44	71	80	67	47	56	1539
„ Wanee	...	6	9	...	...	...	...	...	...	...	...	...	15
„ Soortee	...	3	3	...	...	2	...	...	...	4	...	2	14
„ Madrasi	...	...	...	...	1	2	...	...	...	1	2	2	8
Kasar	28	19	24	17	15	3	1	7	8	14	6	6	148
Kharwa	25	19	19	9	1	2	5	4	5	4	7	6	106
Khutree	36	44	51	21	...	12	...	5	11	16	17	19	232
Koombhar	17	10	12	6	2	3	1	7	2	8	4	2	74
Kunbee	20	15	17	11	6	7	7	4	10	5	15	2	119

Kostee	5	...	4	2	1	2	3	1	3	4	2	1	23
Kolee	36	49	56	23	11	8	3	19	14	17	23	16	275
„ Soortee	...	...	1	...	...	...	...	...	...	...	...	...	1
Kamatee	2	2	1	4	...	...	1	1	2	1	2	2	18
„ Phoolmalee	...	20	48	30	15	13	10	14	13	17	7	15	202
Komtee	...	...	...	...	1	...	...	...	2	1	2	...	6
Lohana	31	45	47	46	14	19	13	30	30	37	14	16	342
Lohar	20	23	8	10	8	4	7	1	7	8	7	4	107
Malee	23	28	28	8	5	2	6	9	7	6	8	4	134
Mangelee	1	...	...	...	...	...	1	1	...	2	1	1	7
Marathee	421	569	857	584	285	189	185	292	359	334	256	302	4633
Nahavee	17	24	23	15	8	5	6	8	6	7	3	6	128
Panchkulsee	4	11	17	6	7	4	6	2	4	4	1	2	68
Purbhoo, Kaista	22	36	27	23	3	8	8	4	4	5	5	12	157
„ Pattanay	...	...	5	2	3	...	1	2	...	...	...	...	13
Purdessee	17	16	14	16	2	5	5	8	4	11	4	7	109
Rajpoot	4	5	4	...	...	2	...	1	1	1	...	...	18
Rawool	1	...	...	1	1	...	...	...	...	...	...	...	3
Salee	8	8	19	8	4	2	7	1	6	6	2	2	73
Shenvee	1	2	4	7	...	...	...	...	...	2	...	3	19
Shimpee	38	39	33	20	11	9	11	5	15	14	11	15	221
Sonar	23	47	55	22	11	5	9	19	12	16	17	17	253
Sone Kolee	4	9	...	23	12	...	8	6	6	...	...	...	68
Sutar	10	15	10	7	8	5	2	2	3	4	2	6	74
Surtee Kolee	3	...	1	3	1	...	2	...	...	...	...	...	10
Tellee	27	15	25	11	6	3	1	9	9	10	7	17	140
Tellungee	4	3	4	2	1	...	1	2	2	3	1	1	24
Thackoor	...	3	...	3	...	1	2	...	...	...	1	...	10
Vaisshya Wanee	11	21	16	17	8	4	4	6	2	11	8	4	112
Wagree	4	2	3	1	...	2	1	2	...	...	3	4	22
Wunjaree	7	9	8	6	6	4	3	3	6	2	...	5	59
Jingur	...	...	...	...	1	1	1	...	1	1	...	...	5
HINDU LOW-CASTES.													
Males.													
Bhungee	18	21	33	17	7	7	8	6	7	9	11	8	152
Chamdhar	9	17	18	5	7	5	6	12	8	18	12	15	132
Dhed	8	15	13	4	5	6	3	4	7	1	8	3	77

Castes and Races.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Hindu Low-Castes. *Males*—(contd.).													
Dhore	7	8	3	1	1	1	12	1	2	3	2	5	46
Mahar	169	153	196	119	64	48	69	82	113	116	81	111	1321
Mang	8	7	9	3	1	3	4	6	7	8	3	9	68
Mochee	93	78	94	55	37	38	40	33	41	53	53	41	656
Purwaree	2	...	...	...	...	...	...	...	...	...	...	...	2
Hindu Low-Castes. *Females.*													
Bhungee	7	20	17	15	5	5	3	2	3	6	4	9	96
Chambhar	15	18	15	4	7	4	5	15	6	14	7	8	118
Dhed	8	7	20	6	11	2	2	6	2	4	4	6	78
Dhore	1	4	2	2	...	2	10	1	3	6	2	2	35
Mahar	121	141	149	109	77	53	67	81	98	85	60	65	1106
Mang	19	8	10	5	1	...	7	5	11	4	6	5	81
Mochee	73	47	76	48	30	28	36	32	34	42	43	28	517
Purwaree	1	...	...	...	...	...	...	...	...	...	...	...	1
Mussulman. *Males.*													
Arab	...	1	4	2	1	...	2	1	...	...	2	1	14
Borah	64	55	73	30	15	19	28	28	26	33	18	25	414
Khoja	16	19	8	13	15	17	20	23	34	7	3	2	177
Memon	129	106	142	89	67	22	39	50	65	49	12	24	794
Moghul	6	9	9	2	...	3	3	3	1	2	...	2	40
Pathan	20	20	16	12	9	9	3	6	5	7	4	4	115
Shaik	5	10	78	13	24	12	23	46	16	21	7	1	256
Syed	2	2	2	...	...	...	1	3	1	8	1	...	20
Mussulman	607	649	703	457	253	171	199	252	296	300	237	313	4437

MUSSULMAN.																	
Females.																	
Arab	...	...	...	1	1	...	...	...	...	1	...	...	...	3
Borah	27	45	37	16	34	27	19	23	22	29	13	10	302
Khoja	15	16	9	10	15	10	26	25	27	16	7	7	183
Memon	103	89	111	83	67	42	38	44	62	53	20	18	730
Moghul	7	11	4	2	2	3	4	4	6	1	...	1	45
Pathan	7	10	18	11	10	8	5	8	12	8	2	2	101
Sahik	2	11	56	20	44	17	31	36	16	23	6	3	265
Syed	...	...	1	...	...	2	...	2	...	3	...	...	8
Mussulman...	451	484	542	377	213	193	181	247	243	242	259	285	3717
JAIN.													
Males.													
Bania	117	83	65	34	14	12	17	37	34	23	20	29	495
Wanee *Kapool*	17	19	16	5	5	4	5	5	10	9	3	...	98
Vissa Lar Bania	2	1	...	...	1	1	...	...	...	...	1	...	6
Lar Wanee...	14	14	3	3	6	1	1	...	1	4	1	4	52
Vissa Lar Wanee	2	...	1	1	...	...	...	...	1	...	...	...	5
Mor Wanee...	4	12	8	2	1	2	1	2	7	...	...	...	39
Vissa Mor	...	...	...	1	...	...	...	...	1	...	...	...	2
Dussa Mor	2	1	2	...	...	...	1	...	...	...	...	...	6
Misharee Wanee	...	1	...	1	...	...	...	...	...	...	...	...	2
Vissa Ooswar Wanee	6	20	11	7	4	3	8	7	8	11	2	3	90
Dussa „ „	12	5	5	6	5	5	2	2	6	8	3	...	59
Vissa Porwal	...	...	...	1	...	...	...	1	1	3	...	...	6
Dussa Porwal	...	...	...	...	1	...	1	1	...	...	...	...	3
Marwari	48	24	14	5	5	2	4	6	10	6	7	6	137
Vissa Ooswar Marwari	6	2	8	2	1	...	...	...	1	3	...	...	23
„ Shreemalee...	1	2	1	3	1	...	1	3	8	4	...	1	25
Dussa „	...	...	...	3	6	6	5	13	19	3	...	...	55
Shreemalee Wanee	...	3	5	1	...	...	...	...	...	..	...	3	12
Agarwala Bania	2	2	4	...	3	...	...	...	1	...	...	1	13
Vissa Sortia	4	...	...	1	...	...	...	...	...	...	...	...	5
Dussa „	1	...	...	1	...	..	...	...	...	...	...	...	2

CASTES AND RACES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
JAIN.													
Males.—(contd.)													
Dussa Daisawar Bania	...	4	1	...	...	...	...	...	...	...	...	...	5
Vissa Nagar „	...	1	1	...	...	...	...	...	...	2	...	...	4
Dussa Porwal Wanee	...	3	1	...	...	...	1	1	1	2	...	...	9
Porwal Bania	2	2	3	...	...	...	...	...	...	...	...	...	7
Shrawak Wanee	1	1	...	1	1	...	2	2	...	...	...	...	8
Dussa Nagar Wanee	...	...	...	...	...	1	...	...	...	...	...	...	1
Goozar Wanee	3	1	...	...	...	...	...	...	...	...	...	...	4
Sortia „	1	2	2	2	...	...	...	...	1	...	...	...	8
Dussa Sortia Wanee	8	24	20	...	...	2	...	...	...	2	3	2	61
Zarola Bania	...	...	...	...	1	...	...	...	...	...	...	...	1
Ooswar Marwari	...	...	1	...	...	...	...	...	...	...	...	...	1
Nagar Wanee	4	1	1	1	...	...	3	...	...	3	1	...	14
Dussa Nagar Wanee	...	1	2	...	...	...	...	...	...	...	...	...	3
Vissa Porwal Bania	2	1	2	...	...	1	...	...	...	1	...	...	7
Dussa „ „	...	...	...	...	...	1	...	...	...	...	...	...	1
Dussa Lar Bania	1	...	...	...	...	...	2	...	...	...	...	...	3
Vaida Wanee	4	1	...	...	2	...	2	...	...	...	1	...	12
Dussa „	...	1	1	...	...	...	...	...	...	4	...	1	7
Ooswar „	...	...	1	...	...	...	...	...	...	...	...	...	1
Vissa „	...	...	...	...	...	...	...	1	...	...	...	1	2
Agarwala Marwari	...	...	...	...	...	...	2	...	...	2	...	...	4
Dussawal Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...
Wanee	31	53	39	4	...	...	...	...	...	10	13	31	181
Dussa Wanee	...	...	...	1	...	...	...	...	...	...	...	...	1
JAIN. *Females.*													
Bania	50	51	41	23	8	7	13	27	8	12	11	16	267
Kapool Wanee	7	10	5	2	3	2	2	3	4	8	2	2	50

Vissa Lar Bania	...	1	1	...	...	...	...	...	...	...	1	...	1	4
Lar Wanee..	7	3	2	1	...	1	...	...	...	1	...	2	2	19
Vissa Lar Wanee	...	1	...	...	...	...	...	1	1	...	1	...	...	4
Mor Wanee...	4	8	2	...	3	2	1	2	3	3	1	...	...	29
Dussa Mor	...	1	...	...	1	...	...	...	...	2	...	...	...	4
Misharee Wanee	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Vissa Ooswar Wanee	12	11	3	5	4	4	1	4	3	5	3	...	...	55
Dussa „ „	7	7	...	5	4	1	3	11	6	4	1	...	...	49
Dussa Porwal	...	...	...	...	...	...	...	2	1	...	...	...	...	3
Marwaree	1	1	...	...	...	1	...	1	1	...	1	2	...	8
Vissa Ooswar Marwarce	...	...	1	...	...	...	...	...	...	1	...	...	...	2
„ Shrimalee...	...	7	1	2	...	2	1	3	...	2	...	...	...	18
Dussa „	...	...	...	1	9	2	4	3	6	3	...	...	...	28
Shrimalee Wanee	...	...	...	1	...	...	2	...	...	...	1	...	...	4
Agarwala Bania	1	...	1	...	...	...	...	...	...	...	2	...	...	4
Vissa Sortia	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Dussa „	...	...	...	1	...	...	...	...	...	...	...	...	...	1
„ Daisawar Bania	2	...	...	...	...	1	...	...	...	...	...	...	...	3
Vissa Nagar Bania	...	...	...	...	1	1	...	1	...	...	...	...	...	3
Dussa Porwal Wanee	1	...	...	...	...	...	...	1	...	...	...	...	...	2
Porwal Bania	2	1	2	1	1	...	...	...	...	...	...	...	...	7
Shrawak Wanee	...	...	...	...	...	1	...	...	1	...	...	1	...	3
Dussa Nagar Wanee	1	1	...	...	...	...	...	...	...	...	...	...	...	2
Goozar Wanee	1	1	...	...	...	...	...	...	...	...	...	...	...	2
Sortia „	...	...	...	...	...	...	...	...	...	...	...	1	1	1
Dussa Sortia Wanee	3	7	3	1	...	...	...	...	...	1	1	...	...	16
Zarola Bania	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Nagar Wanee	1	...	...	1	2	...	...	...	...	1	...	...	...	5
Sortia Wanee	1	1	...	...	...	...	...	...	...	...	...	...	...	2
Vissa Porwal Bania	1	1	1	...	...	...	...	...	...	...	...	...	...	3
Dussa Lar Bania	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Vaida Wanee	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Dussa „	...	...	...	2	1	...	...	...	...	1	...	...	...	4
Ooswar „	2	1	...	...	...	...	...	...	...	...	...	...	...	3
Vissa „	...	...	...	1	...	...	1	...	...	...	...	2	4
Wanee	10	25	12	...	...	3	...	...	1	4	6	12	73

ABSTRACT of the METEOROLOGICAL OBSERVATIONS supplied by the BOMBAY OBSERVATORY during the Year beginning 1st January 1898.

MONTHS	Pressure of Air. (Barometer 37½ feet above the mean sea-level, and reduced to 32° Fahr.)			Temperature of Air in the Shade. Degrees Fahr.			Hydrometric State of Air. Dew Point. Degrees Fahr.			Humidity.		Wind. Daily Mean Number of Hours.		Rain at Colaba.		Rain at Byculla.		MONTHS
	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	From Sea.	From Land.	Inches.	On No. of Days.	Inches.	On No. of Days.	
January	29·961	·120	·271	76·1	13·3	24·5	63·1	8·6	19·2	·65	·24	10	14	...	...	...	...	January.
February	29·868	·118	·239	76·3	9·4	19·5	64·9	6·5	86·4	·69	·38	13	11	·17	2	·72	2	February.
March	29·843	·120	·284	80·3	9·4	21·7	68·9	7·5	41·3	·70	·37	17	7	...	...	...	...	March.
Quarter, 1st	·891	·119	·281	77·6	10·7	21·9	65·6	7·5	32·5	·68	·32	13	11	·17	2	·72	2	Quarter, 1st.
April	29·780	·123	·253	84·1	7·7	14·5	74·6	3·2	17·2	·74	·27	21	3	...	...	...	...	April.
May	29·762	·099	·298	86·1	6·6	11·5	76·1	2·0	11·1	·73	·13	23	1	·16	2	...	...	May.
June	29·651	·090	·424	83·7	5·4	15·6	77·8	2·4	7·2	·82	·22	22	2	27·21	20	25·54	20	June.
Quarter, 2nd	·731	·107	·325	84·6	6·6	13·9	76·0	2·5	11·8	·76	·21	22	2	27·37	22	25·54	20	Quarter, 2nd.
July	29·630	·076	·339	81·2	3·9	11·3	76·8	2·3	6·5	·86	·14	24	1	20·72	31	25·65	29	July.
August	29·747	·073	·258	81·1	4·1	8·5	75·6	2·4	6·2	·84	·08	24	...	5·28	27	7·58	25	August.
September	29·759	·103	·298	80·7	5·3	10·3	75·6	2·5	7·8	·85	·14	18	6	19·94	21	24·35	17	September.
Quarter, 3rd	·712	·084	·298	81·0	4·4	10·0	76·0	2·4	6·8	·85	·12	22	2	45·94	79	57·58	71	Quarter, 3rd.
October	29·809	·116	·307	84·4	9·0	15·4	75·3	4·5	15·0	·75	·22	12	12	·48	5	·09	2	October.
November	29·856	·117	·367	82·2	10·1	19·1	70·2	6·2	20·1	·68	·28	10	14	·13	2	·22	1	November.
December	29·913	·114	·228	79·0	9·5	21·6	67·6	6·4	27·9	·69	·28	11	14	...	...	...	...	December.
Quarter, 4th	·859	·116	·301	81·9	9·5	18·7	71·0	5·7	21·0	·71	26	11	13	·61	7	·31	3	Quarter, 4th.
Year	29·798	·106	·301	81·3	7·8	16·1	72·1	4·5	18·0	·75	·23	17	7	74·09	110	84·15	96	Year.

Appendix A.

Government Observatory, Colaba, Bombay.

AGGREGATE AND MEAN VELOCITIES AND RELATIVE FREQUENCY OF DIFFERENT WINDS, 1898.

TABLE showing for the year 1898 the Sums of the Velocities, and the Mean Velocities, in miles per hour, of the Winds which blew in each Month, from each of the Sixteen Principal Directions, and also the number of hourly Observations which those sums comprise; the latter numbers indicating the Relative Frequency of the same Wind (as to directions) in the several months, and of different Winds during the same Month.

1898.	N.			NNE.			NE.			ENE.			E.			ESE.			SE.			SSE.					
MONTHS.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.			
	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles			
January ...	592	88	6·7	235	36	6·5	525	68	7·7	1836	181	10·1	479	56	8·5	4	1	4·0	0	0	0·0	0	0	0·0			
February ..	693	89	7·8	420	58	7·2	269	32	7·1	498	53	9·4	234	28	8·4	133	20	6·6	17	4	4·2	222	18	12·3			
March	823	88	9·4	164	28	5·9	202	26	7·8	205	22	9·3	37	8	4·6	35	5	7·0	62	12	5·2	75	18	5·8			
April	153	23	6·7	91	14	6·5	47	7	6·7	24	7	3·4	10	2	5·0	14	4	3·5	24	4	6·0	170	21	8·1			
May..... ..	42	7	6·0	61	10	6·1	11	2	5·5	16	2	8·0	0	0	0·0	0	0	0·0	0	0	0·0	6	1	6·0			
June..... ..	13	3	4·3	14	2	7·0	43	5	8·3	36	5	7·2	41	5	8·2	20	2	10·0	152	15	10·1	481	28	17·2			
July.....	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	32	2	16·0	110	6	18·3	48	3	16·0	169	13	13·0			
August ..	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0			
September	134	32	4·2	86	16	5·4	82	14	5·9	169	24	7·0	157	24	6·5	88	16	5·5	184	34	5·4	56	9	6·2			
October ...	298	47	6·3	61	10	6·1	309	47	6·6	711	90	7·9	399	64	6·2	385	51	7·5	217	36	6·0	148	26	5·7			
November..	484	82	6·0	378	58	7·1	528	68	7·8	948	101	9·4	797	100	8·0	182	16	11·4	82	10	8·2	0	0	0·0			
December..	1280	156	8·2	604	88	6·9	846	45	7·7	661	71	8·9	280	35	8·0	81	14	5·8	82	10	8·2	14	2	7·0			
Year...	4512	614	7·3	2114	315	6·7	2362	320	7·4	5104	559	9·1	2466	324	7·6	1052	135	7·8	868	128	6·8	1941	131	10·2			

	S.			SSW.			SW.			WSW.			W.			WNW.			NW.			NNW.			No. of Observations.		No. of hours.
	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Calm.	Variable.	Record lost.
January ...	0	0	0·0	0	0	0·0	17	4	4·2	45	8	5·6	249	29	8·3	348	41	8·5	868	88	10·5	1765	149	11·8	0	0	0
February	43	4	10·7	86	11	7·8	75	5	15·0	229	24	9·5	581	49	11·8	524	58	9·0	1682	139	12·1	1091	76	14·4	3	0	0
March.....	232	30	7·7	283	36	7·9	114	19	6·0	254	28	9·1	395	53	7·5	973	98	9·9	2232	174	12·8	1446	103	14·0	1	0	0
April	439	33	13·3	368	39	9·4	193	35	5·5	567	69	8·2	1044	115	9·1	1413	161	8·8	1185	111	10·7	887	72	12·3	3	0	0
May	67	7	9·6	265	27	9·8	135	21	6·4	759	97	7·8	1813	214	8·5	2771	250	11·1	705	77	9·2	186	29	6·4	0	0	0
June	702	39	18·0	763	45	17·0	601	43	14·0	3879	258	15·0	1634	123	13·3	1391	116	12·0	313	28	11·2	23	2	11·5	0	1	0
July....●	556	31	17·9	329	26	12·7	181	15	12·1	4158	273	15·3	5713	344	16·6	410	28	14·6	18	2	9·0	10	1	10·0	0	0	0
August ...	0	0	0·0	198	15	13·2	243	20	12·1	3681	234	15·7	6431	411	15·6	897	64	14·0	0	0	0·0	0	0	0·0	0	0	0
September.	19	4	4·7	10	2	5·0	33	5	6·6	982	84	11·7	1765	171	10·3	1260	126	10·0	912	98	9·3	552	62	8·9	4	0	0
October ...	27	5	5·4	33	8	4·1	33	6	5·5	138	21	6·6	264	37	7·1	736	94	7·8	1090	114	9·6	804	85	9·5	1	2	0
November..	81	4	20·2	44	3	14·7	5	1	5·0	87	14	6·2	158	21	7·5	612	69	8·9	1085	114	9·5	812	65	12·5	0	0	0
December..	10	2	5·0	11	3	3·7	29	5	4·6	93	18	5·2	218	32	6·8	230	25	9·2	1202	98	12·3	1980	137	14·5	0	0	0
Year...	2176	159	13·7	2390	215	11·1	1653	179	9·2	15172	1128	13·5	20256	1599	12·7	11565	1125	10·3	11292	1033	10·9	9556	781	12·2	12	3	0

Appendix B.

MEMORANDUM of DEATHS, including Still-born, for the Year beginning 1st January 1898.

MONTHS.	Bodies how disposed of.			Place of Birth.			Residence of Families.			Reports.		Total.	Number of Deaths not tabulated.
	Buried.	Burnt.	Exposed.	Bombay.	Elsewhere.	Unknown.	Bombay.	Elsewhere.	Unknown.	Written.	Verbal.		
January	2,554	3,962	286	1,909	4,631	262	606	5,934	262	1,788	5,014	6,802	4
February	2,659	5,285	339	2,252	5,400	631	720	6,932	631	2,468	5,815	8,283	3
March	3,192	5,848	263	2,415	6,153	735	1,110	7,458	735	2,506	6,797	9,303	4
April	2,699	2,962	124	1,519	3,293	373	493	4,189	503	1,252	3,933	5,185	1
May	1,471	1,328	114	1,132	1,688	93	406	2,341	166	608	2,305	2,913	6
June	1,136	875	95	901	1,157	48	321	1,721	64	460	1,646	2,106	3
July	1,341	993	101	1,000	1,381	54	399	1,911	125	468	1,967	2,435	6
August	1,652	1,477	135	1,208	1,936	120	481	2,609	174	828	2,436	3,264	9
September	1,727	1,786	105	1,277	2,235	106	419	3,004	195	1,231	2,387	3,618	5
October	1,814	1,744	106	1,345	2,162	157	500	2,983	181	791	2,873	3,664	1
November	1,409	1,136	101	974	1,593	79	451	2,090	105	728	1,918	2,646	4
December	1,610	1,547	154	1,116	2,104	91	531	2,689	91	702	2,609	3,311	2
Total	22,664	28,943	1,923	17,048	33,733	2,749	6,437	43,861	3,232	13,830	39,700	53,530	48

2.—LICENSE DEPARTMENT.

1. I am glad to state that in spite of the disastrous plague epidemic and consequent depression in trade prevailing in the city these three years, I am able to show a revenue which will be, I submit, deemed very satisfactory.

2. I append a tabulated statement showing the amount of fees collected under each head of licensable trades for each of the months of the year under report.

3. The income from all these up to 31st March last, including Rs. 344 collected for 1897-98 during 1898-99, was Rs. 60,646-8, adding to which Rs. 717 collected for last year up to the date of this report, the total income from license fees amounts to Rs. 61,363-8, that is Rs. 1,363-8 in excess of the budget estimate. Had not the Government Remount stables on the Kennedy Sea Face and the hay stacks on Frere Road, Modi Bay East, been closed during the year (the latter by the order of the Commissioner) the revenue would have gone up by at least a thousand rupees more.

4. The outstanding balance for the last year is now hardly Rs. 100, and I expect to collect it within a few days.

5. All the members of my staff both indoor and outdoor have very cheerfully contributed to this happy result with their honest hard work in spite of the depressing effects of the plague, and I have every reason to be satisfied with the way in which they have all discharged their arduous and responsible but unpopular duties, not only in raising revenue alone, but also in controlling trades, offensive and dangerous to public health and property.

5. The number of prosecutions undertaken during the year against persons for carrying licensable trades without licenses or for violating the conditions and limitations thereof amounted to 1,904 against 2,115 instituted during 1897-98.

6. Five thousand five hundred and eighty-eight licenses for 1898-99 were issued up to the date of this report, against five thousand seven hundred and fifty issued during 1897-98.

A.

TABULATED STATEMENT showing the amount of License Fee, with that of Process Fee, recovered for each of the Licensable Articles appearing in Schedule **M** during 1898-99.

Period.	Bones.		Bricks (Hand-made).		Candles (Manufacturing).		China Grass, Cocoa-nut Fibres, Flax, Hemp, Jute & Tow.		Charcoal.		Coal and Coke.		Cloths in Indigo Dyeing.		Cloths in other Colours, Dyeing.	
Official Year 1898-99.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1898.....	..	..	..	..	..	..	5	..	..	..	20	..	20	..	10	..
May ,, ...	..	..	..	..	5	..	..	..	50	..	80	..	40	..	110	0 8
June ,, ...	..	..	..	..	..	..	5	..	135	4 0	200	..	..	..	65	3 0
July ,, ...	..	..	..	..	..	..	..	..	140	..	30	0 8	..	..	80	4 8
August ,, ...	..	..	..	..	5	..	75	0 8	105	2 8	20	0 8	380	..	35	1 8
September ,, ...	..	..	..	..	..	..	..	..	25	2 0	40	..	60	..	80	4 0
October ,, ...	..	..	..	..	..	..	..	..	10	0 8	80	..	40	0 8	40	2 0
November ,, ...	30	..	30	..	..	..	95	..	65	1 8	10	..	140	0 8	25	1 0
December ,, ...	15	..	..	..	..	..	50	..	85	3 0	20	0 8	100	3 8	40	2 0
January 1899.....	..	..	70	..	..	..	50	..	35	0 8	330	..	..	..	235	..
February ,, ...	..	..	30	..	..	..	5	1 0	15	0 8	130	1 0	..	..	35	2 0
March ,, ...	..	..	90	5	..	..	30	1 0	15	2 0	110	0 8	20	0 8	10	2 0
Total..Rs.	45	..	190	5	10	..	315	2 8	710	16 8	1,050	3 0	800	5 0	765	24 8

Period.	Chemical Preparations.		Cotton and Cotton Refuse or Seeds.		Cotton, Wool, Hemp, Rags, &c., Pressing.		Dammer, Tar or Pitch.		Fat and Tallow.		Fins.		Fish (Dried).		Fireworks (Retail).	
Official Year 1898-99.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1898.....	500	..	45	..	45	..	40	..	15	..	..	..	..	..	15	..
May ,, ...	365	1 0	285	..	..	..	10	..	30	..	..	..	..	..	15	..
June ,, ...	225	..	285	4 8	..	..	10	0 8	..	..	..	..	..	..	5	0 8
July ,, ...	50	0 8	375	2 8	..	..	20	..	15	0 8	..	..	..	..	..	..
August ,, ...	50	..	450	10 8	45	0 8	..	..	45	..	..	..	..	..	15	..
September ,, ...	25	..	240	8 8	..	..	..	..	15	0 8	..	..	..	..	5	..
October ,, ...	325	..	195	8 0	..	..	..	..	..	..	..	..	..	..	380	1 0
November ,, ...	125	1 0	180	9 8	..	..	40	..	15	1 0	45	..	75	..	260	0 8
December ,, ...	25	..	180	1 8	..	..	50	..	60	..	45	..	35	0 8	15	0 8
January 1899	25	0 8	135	..	..	..	30	..	15	..	15	..	255	..	5	1 0
February ,, ...	50	..	105	1 8	240	..	50	2 0	..	..	105	3 8	75	1 8	..	..
March ,, ...	..	..	225	6 0	..	..	20	1 0	60	2 0	..	..	25	0 8	..	..
Total..Rs.	1,765	2 0	2,700	52 8	330	0 8	270	3 8	270	4 0	210	3 8	465	2 8	715	3 8

Period.	Fireworks (Wholesale).		Firewood Bundles (Retail).		Firewood (Wholesale).		Gas (Manufacturing).		Gunpowder (Retail).		Gunpowder (Wholesale).		Raw Skin and Wool Storing and Pressing.		Hides & Skins (Raw).	
Official Year 1898-99.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1898.....	..	..	12	..	125	..	..	..	85	..	550	..	260	..	300	..
May ,, ...	100	..	120	..	975	..	60	..	20	..	50	..	260	1 0	200	0 8
June ,, ...	100	..	88	0 8	1,530	7 8	..	..	5	..	50	0 8	1,430	9 8	..	..
July ,, ...	130	..	72	0 8	1,540	9 0	50	..	..	..	50	0 8	65	1 8	50	1 8
August ,, ...	65	..	100	5 0	1,315	12 8	..	.	15	..	..	..	..	..	50	..
September ,, ...	..	..	18	0 8	620	12 0	..	..	..	..	50	..	130	0 8	..	..
October ,, ...	75	..	16	2 8	415	10 8	..	..	..	..	..	..	..	..	..	..
November ,, ...	15	..	36	0 8	275	7 0	..	..	..	..	..	..	65	0 8	..	..
December ,, ...	..	..	44	3 0	285	3 8	..	..	..	..	..	..	..	..	..	..
January 1899.....	..	..	64	..	540	1 0	..	..	..	..	..	..	..	..	..	..
February ,, ...	..	..	32	1 0	325	5 8	..	..	..	..	..	..	..	..	..	..
March ,, ...	..	..	18	6 0	230	11 8	..	..	..	..	..	..	..	..	50	0 8
Total..Rs.	505	..	626	19 8	8,075	80 0	100	..	125	..	750	1 0	2,210	13 0	650	2 8

Period.	Hides & Skins (Dried).		Horns and Hoofs.		Hay, Straw and Grass.		Kerosine Oil (Retail).		Kerosine Oil (Wholesale).		Lime for Burning.		Matches (Retail).		Matches (Wholesale).	
Official Year 1898-99.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1898.....	15	..	..	..	25	..	295	..	1,300	..	..	..	45	..	20	..
May ,, ...	..	..	..	..	10	..	1,010	..	..	..	..	..	25	..	50	..
June ,, ...	30	1 8	..	..	..	..	775	8 0	700	..	50	..	25	1 0	..	..
July ,, ...	..	..	..	..	60	..	1,000	17 0	400	..	..	..	70	0 8	110	..
August ,, ...	..	..	..	..	5	..	610	22 8	..	..	50	..	20	2 0	..	..
September ,, ...	..	..	..	..	55	1 8	210	16 8	..	..	250	2 8	10	..	..	..
October ,, ...	..	..	..	..	10	1 0	215	19 8	..	..	..	..	5	..	10	..
November ,, ...	..	..	50	..	5	0 8	295	8 8	..	..	..	..	30	..	10	..
December ,, ...	75	..	320	..	5	..	415	6 8	..	..	..	..	15	0 8	..	..
January 1899.....	30	..	105	..	1,315	..	580	0 8	200	..	..	..	61	..	..	..
February ,, ...	60	2 0	75	1 0	1,185	3 8	240	5 0	..	..	100	..	25	..	..	..
March ,, ...	45	1 8	90	2 0	640	9 8	95	11 8	200	..	100	1 0	20	2 0	10	0 8
Total..Rs.	255	5 0	640	3 0	3,295	16 0	5,660	115 8	2,800	..	550	3 8	360	6 0	190	0 8

Period.	Metal (Casting).		Oil (Ghanies) Mills.		Oil (Mills) Prepared by Mechanical Power.		Oil (Vegetable).		Petroleum Oil (Retail).		Petroleum Oil (Wholesale).		Paper (Manufacturing).		Pottery (Manufacturing).	
Official Year 1898-99.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1898.....	135	..	10	..	..	..	477	..	5	..	..	..	..	..	..	..
May "	220	..	73	..	..	..	197	..	10	..	25	..	..	..	..	..
June "	365	3 0	30	1 0	59	..	239	1 8	26	..	75	..	..	..	..	..
July "	240	4 8	33	7 8	25	..	239	1 8	10	..	..	..	15	..	..	..
August "	175	3 8	253	4 8	..	..	324	2 0	18	..	..	..	..	..	5	..
September "	140	4 0	95	8 0	..	..	150	3 0	..	..	..	..	..	..	..	..
October "	70	8 8	74	8 8	..	..	257	8 0	15	..	..	..	..	..	..	..
November "	70	1 8	54	3 0	..	..	569	10 0	15	..	..	..	..	..	..	..
December "	115	2 0	36	2 8	..	..	425	2 8	..	..	..	..	..	..	45	..
January 1899.....	95	..	152	0 8	..	..	262	..	5	0 8	..	..	..	..	35	..
February "	25	1 0	10	0 8	..	..	335	2 8	..	..	..	..	..	..	55	2 8
March "	65	2 8	24	2 8	..	..	90	2 8	..	..	..	..	..	..	20	3 0
Total..Rs.	1,715	32 8	864	38 8	75	..	3,574	33 8	104	0 8	100	..	15	..	180	5 8

Period.	Rags.		Rangoon or Burmah Oil.		Rosin.		Saltpetre.		Sulphur (Retail).		Sulphur (Wholesale).		Silk (Dyeing).		Soap (Manufacturing).	
Official Year 1898-99.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1898.....	30	..	5 0	..	..	..	10	..	35	..	120	..	..	..	..	..
May "	..	..	..	..	..	..	25	..	15	..	45	..	..	..	15	..
June "	..	..	7 8	..	..	..	..	..	20	..	..	..	5	..	..	..
July "	..	..	..	..	..	..	..	..	..	..	..	..	5	..	45	..
August "	..	..	..	..	5	0 8	..	..	30	..	..	..	15	..	15	0 8
September "	..	..	..	..	..	..	5	..	5	..	15	..	..	..	..	..
October "	..	..	10 0	..	..	..	35	..	40	..	..	..	..	..	..	..
November "	..	..	..	..	10	..	..	..	10	..	..	..	20	0 8	15	..
December "	..	..	..	..	15	..	10	..	10	..	..	..	5	0 8	..	..
January 1899.....	..	..	5 0	0 8	5	..	10	0 8	10	0 8	..	..	5	..	..	..
February "	..	..	..	..	10	1 8	..	..	5	..	..	..	10	0 8	15	1 0
March "	..	..	..	..	20	2 8	..	..	..	..	..	..	..	..	15	1 0
Total..Rs.	30	..	27 8	0 8	65	4 8	95	0 8	180	0 8	180	..	65	1 8	120	2 8

Tabulated Statement showing the amount of License Fee, with that of Process Fee, recovered for each of the Licensable articles appearing in Schedule M during 1898-99.

Period.	Stable for Horses.		Stable for Milch Cattle.		Stable for Bullocks.		Timber.		Turpentine (Retail).		Turpentine (Whole-sale).	
Official Year 1898-99.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1898	220	..	455	..	15	..	145	..	85	..	93	..
May ,, ...	1,050	2 8	1,285	1 8	400	0 8	335	0 8	45	0 8	..	..
June ,, ...	460	3 8	815	5 8	135	4 8	400	7 8	55	0 8	15	..
July ,, ...	125	2 8	280	4 0	40	1 0	885	9 8	65	2 0	..	..
August ,, ...	75	..	235	1 0	30	0 8	715	16 0	20	0 8	..	..
September ,, ...	85	1 8	150	..	..	..	583	21 8	5	0 8	..	..
October ,, ...	75	..	100	..	5	0 8	225	11 8	115	3 0	..	..
November ,, ...	10	..	..	..	10	0 8	355	9 0	100	8 8	..	..
December ,, ...	75	..	75	..	6	0 8	945	17 8	25	2 8	..	..
January 1899	80	..	100	..	..	..	1,390	7 0	20	0 8	..	..
February ,, ...	..	..	..	..	..	..	655	24 0	20	..	..	..
March ,, ...	20	..	..	..	..	..	345	13 8	..	..	..	..
Total .. Rs.	2,275	10 0	3,495	12 0	640	8 0	6,945	137 8	555	18 8	105	..

Period.	Wool.		Waste Papers.		Whistle (Steam).		TOTAL OF EACH MONTH.	
Official Year 1898-99.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs. a.
April 1898	105	..	1	..	60	..	5,660 0	..
May ,, ...	90	0 8	..	..	40	..	7,710 0	9 0
June ,, ...	60	0 8	11	0 8	10	..	8,486 8	69 0
July ,, ...	150	1 0	13	..	10	..	6,567 0	72 8
August ,, ...	210	1 8	..	..	40	..	5,625 0	90 8
September ,, ...	75	..	1	..	20	..	3,069 0	87 0
October ,, ...	120	1 8	1	0 8	..	..	2,965 0	88 8
November ,, ...	75	1 8	10	0 8	..	..	3,239 0	67 0
December ,, ...	150	0 8	4	0 8	..	..	5,919 0	84 0
January 1899	135	0 8	5	..	..	..	6,528 0	14 0
February ,, ...	75	0 8	1	0 8	..	..	4,094 0	66 8
March ,, ...	45	1 0	..	..	..	..	2,717 0	95 0
Total .. Rs.	1,290	9 0	47	2 8	180	..	60,305 8	713 0

B.

YEARLY Total of License Fees (with Process Fees) recovered during 1898-99.

Nature of Trade.	License Fee.		Process Fee.	
	Rs.	a.	Rs.	a.
Bones	45	0	.....	
Bricks (Hand-made)	190	0	5	0
Candles (Manufacturing)	10	0	.....	
China Grass, Cocoanut Fibre, Flax, Hemp, Jute and Tow	315	0	2	8
Charcoal	710	0	16	8
Coal and Coke	1,050	0	3	0
Cloths in Indigo, Dyeing	800	0	5	0
Do. in other Colours, Dyeing	765	0	24	8
Chemical Preparations	1,765	0	3	0
Cotton, and Cotton Refuse or Seeds	2,700	0	52	8
Cotton, Wool, Hemp, Rags, &c., Pressing ...	330	0	0	8
Dammer, Tar or Pitch	270	0	3	8
Fat and Tallow	270	0	4	0
Fins	210	0	3	8
Fish (Dried)	465	0	2	8
Fireworks (Retail)	715	0	3	8
Do. (Wholesale)	505	0	.....	
Firewood Bundles (Retail)	626	0	19	8
Do. (Wholesale)...	8,075	0	80	0
Gas (Manufacturing)	100	0	.....	
Gunpowder (Retail)	125	0	.....	
Do. (Wholesale)	750	0	1	0
Raw Skins, and Wool, Storing, and Pressing...	2,210	0	13	0
Hides and Skins (Raw)	650	0	2	8
Do. (Dried)	255	0	5	0
Horns and Hoofs	640	0	3	0
Hay, Straw and Grass	3,295	0	16	0
Kerosine Oil (Retail)	5,660	0	115	8
Do. (Wholesale)	2,800	0	.....	
Lime for Burning	550	0	3	8
Matches (Retail)	360	0	6	0
Do. (Wholesale)	190	0	0	8
Metal (Casting)	1,715	0	32	8
Oil (Ghanees) Mills	864	0	38	8
Oil (Mills) Prepared by Mechanical Power ...	75	0	.....	
Oil (Vegetable)	3,574	0	23	8
Petroleum Oil (Retail)	104	0	0	8
Do. (Wholesale)	100	0	.....	
Paper (Manufacturing)	15	0	.....	
Pottery (Manufacturing)	160	0	5	8
Carried over... Rs.	44,008	0	505	8

Nature of Trade.	License Fee.		Process Fee.	
	Rs.	a.	Rs.	a.
Brought forward... Rs.	44,008	0	505	8
Rags	30	0	.....	
Rangoon or Burmah Oil	27	8	0	8
Rosin	65	0	4	8
Saltpetre	95	0	0	8
Sulphur (Retail)	180	0	0	8
Do. (Wholesale)	180	0	.....	
Silk (Dyeing)	65	0	1	8
Soap (Manufacturing)	120	0	2	8
Stable for Horses	2,275	0	10	0
Do. Milch Cattle	3,495	0	12	0
Do. Bullocks	640	0	8	0
Timber	6,945	0	137	8
Turpentine (Retail)	555	0	18	8
Do. (Wholesale)	105	0	.....	
Wool	1,290	0	9	0
Waste Paper	47	0	2	8
Whistle (Steam)	180	0	.....	
Grand Total... Rs.	60,302	8	713	0

C.

STATEMENT showing the Amount of License Fee (with Process Fee) for 1897-98 recovered in 1898-99.

Months.	License Fee.	Process Fee.
1898.	Rs.	Rs. a.
April	212	7 8
May	107	4 0
June	25	1 0
Total... Rs.	344	12 8

C

Summary of Income for 1898-99.

Official Year during which Collection was made.	License Fees.	Process Fees.	Remarks.
	Rs. a.	Rs. a.	
Income for 1897-98 collected during the official year 1898-99	344 0	12 8	*Vide* Statement marked **C**.
Income for 1898-99 collected from 1st April 1898 to 31st March 1899	60,302 8	712 8	*Vide* Statements marked **A** and **E**.
	60,646 8	725 8	
Outstanding for 1898-99 collected up to the date of this report	717 0	41 8	
Total Rs. ...	61,363 8	767 0	

3.—MARKETS.

I have the honour to submit the Administration Report of the Markets and Slaughter Houses, Establishment for the year 1898-99, as under :—

1. The total amount of stallages from the different Municipal markets, recoverable every quarter or half-year under the terms of section 407 (*a*) and (*c*) at the opening of the year, amounted to Rs. 47,205 against Rs. 47,512 at the closing of the year, showing an increase of Rs. 307, which is in a measure due to the opening of the new Fergusson Road Market at Parel from 1st November 1898. The following is the detailed statement :—

Names of Markets.	Rents per quarter as appearing at the opening of the year.	Rents per quarter as appearing at the closing of the year.	Increase.	Decrease.	Net increase.	Remarks.
	Rs.	Rs.	Rs.	Rs.	Rs.	
Colaba Market	305	305	...	...		
Fort do. ...	4,676	4,688	12	...		Half-yearly.
A. C. Fruit & Vegetable Market...	14,542	14,542	...	...		
Do. Fish and Mutton Market...	2,614	2,614	...	...		
Do. Mutton Market (new)...	947	947	...	...		
Do. Beef Market ...	2,528	2,624	96	...		
Godowns...	1,628	1,553	...	75		
Fowl rooms	825	852	27	...		
Erskine Road Fruit and Vegetable Market(old)	6,283	6,283	...	...		
Do. do. (new)...	2,503	2,492	...	11		
Do. Mutton Market.	2,530	2,530	...	...		
Bhuleshwar Market ...	3,395	3,232	...	163		
Pedder do. ...	464	464	...	...		
Foras Road do. ...	345	345	...	...		
Pork do. ...	100	100	...	...		Yearly.
DeLisle Road Sheep Market	3,570	3,570	...	...		Half-yearly.
Fergusson Road Market.	...	421	421	...		
Total ...	47,205	47,512	556	249	Net Increase Rs. 307-0-0.	

2. The total amount of Market fees (exclusive of departmental squatters' fees and those recovered from the contractors) collected during the year under report on the basis of the scale shewn above amounted to Rs. 1,44,779-2-8 against Rs. 1,37,898-0-0 in the previous year, shewing an increase of Rs. 6,881-2-8. There would have been on the whole a decrease of Rs. 2,375-0-0 under this head if an abatement of one month's rent amounting to Rs. 9,192 had not been allowed in the previous year, as during the year under report a large number of stalls were vacated (*vide* detailed statement in the margin) particularly in the Bhooleshwar and the Erskine Road Markets owing to most of the customers in the neighbourhood of the markets having left Bombay on account of the plague. The following is an explanatory statement which will shew in detail the difference in stall *rents* on account of the total or partial vacancy of stalls during the quarter as also the subsequent alterations in stall rents on account of rise or

Names of Markets.	Total number of stalls.	Average number of stalls entirely vacant in each quarter.	Remarks.
Colaba Market	79	31	
Fort Market	265	81	Rent collected half-yearly.
A. C. Fruit and Vegetable Market	563	48	
Do. Fish and Mutton Market ..	119	47	
Do. Mutton Market (new) ..	68	15	
Do. Beef Market	77	One stall was vacant in the 1st quarter and one in the last quarter	
Godowns	29		
Fowl rooms	29		
Erskine Road Fruit and Vegetable Market (old)	426	37	
Do. do. (new)..	128	61	
Do. Mutton Market ..	114	51	
Bhooleshwar Market	162	54	
Pedder Market	40	11	
Foras Road Market..	68	34	
Pork Market	2	..	Rent collected yearly.
DeLisle Road Sheep Market ..	50	..	Rent collected half-yearly.
Fergusson Road Market	28	Only one stall was vacant in last quarter	

Names of Markets.	Annual rent recoverable as based on the quarterly or half-yearly rents as appearing at the opening of the year.	Difference in collection of rents during the year on account of rise or fall in rents.		Difference in collection of rents during the year on account of total or partial vacancy of stalls.	Decrease on account of abatement of one month's rent.	Net increase.	Net decrease.	Actual amount recovered during the year (difference of columns 2, 7 and 8).	Remarks.
		Increase.	Decrease.	Decrease.					
1	2	3	4	5	6	7	8	9	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	1,220 0 0	....	....	484 12 0	....	....	484 12 0	735 4 0	
Fort Market	9,207 0 0	8 0 0	....	2,289 12 0	....	....	2,281 12 0	6,925 4 0	
A. C. Fruit & Vegetable Market	58,186 0 0	81 10 8	....	4,041 8 8	....	....	3,959 14 0	54,208 2 0	
Do. Fish and Mutton Market ..	10,466 0 0	....	....	3,204 8 0	....	....	3,204 8 0	7,261 8 0	
Do. Mutton Market (new)	3,788 0 0	....	....	828 0 0	....	....	828 0 0	2,960 0 0	
Do. Beef Market	10,112 0 0	232 0 0	....	35 0 0	....	197 0 0	....	10,309 0 0	
Godowns	6,512 0 0	....	300 0 0	..	....	....	300 0 0	6,212 0 0	
Fowl rooms	3,300 0 0	81 0 0	....	9 0 0	....	72 0 0	....	3,372 0 0	
Erskine Road Fruit and Vegetable Market (old)..	24,932 0 0	....	....	2,122 4 0	....	....	2,122 4 0	22,809 12 0	
Do. do. (new)..	10,012 0 0	....	18 5 4	4,885 2 8	....	....	4,903 8 0	50,108 8 0	
Do. Mutton Market ..	10,130 0 0	....	....	3,368 0 0	....	....	3,368 0 0	6,762 0 0	
Bhuleshwar Market	13,880 0 0	....	552 5 4	4,448 6 8	....	....	4,998 12 0	8,881 4 0	
Cudder Market	1,846 0 0	....	....	420 0 0	....	....	420 0 0	1,426 0 0	
Foras Road Market	1,380 0 0	....	....	884 2 0	....	....	884 2 0	495 14 0	
Pork Market	100 0 0	....	....	....	....	....	....	100 0 0	
DeLisle Road Sheep Market ..	7,140 0 0	....	....	....	....	....	....	7,140 0 0	
Furguson Road Mark.t.. ..	808 0 0	11 5 4	....	226 10 8	....	....	215 5 4	592 10 8	Opened from 1st November 1898.
Total for 1898-99 ..	1,72,451 0 0	414 0 0	876 10 8	27,245 2 8	....	269 0 0	27,970 12 4	1,44,719 2 8	
Colaba Market	1,220 0 0	....	....	895 10 0	49 0 0	....	654 10 0	565 6 0	* These amounts were for the last quarter of 1896-97, but recovered during the year under report and credited in the accounts for 1897-98, as the stall-holders were away from Bombay on account of plague with their stalls locked up.
								*20 0 0	
Fort Market	9,207 0 0	....	....	2,428 12 0	....	....	2,428 12 0	6,778 4 0	
A C, Fruit and Vegetable Market	58,040 0 0	....	194 0 0	3,869 11 4	4,262 10 8	....	8,326 6 0	49,713 10 0	
								*39 0 0	
Do. Fish and Mutton Market ..	10 580 0 0	....	11 0 0	3,231 12 0	554 10 8	....	3,807 6 8	6,692 9 4	
Do. Mutton Market (new) ..	3788 0 0	....	....	780 10 0	224 5 4	....	984 15 4	2,803 0 8	
Do. Beef Market	10 112 0 0	....	....	28 4 0	829 5 4	....	855 9 4	9,256 6 8	
Godowns	6,512 0 0	....	300 0 0	....	....	....	300 0 0	6,212 0 0	
Fowlrooms	3,300 0 0	....	....	49 8 0	....	....	49 8 0	3,250 8 0	
Erskine Road Fruit and Vegetable Market (old)	24,968 0 0	....	9 0 0	1,807 13 4	1,786 0 0	....	3,602 13 4	21,365 2 8	
								†72 0 0	
Do. do. (new) ..	10,092 0 0	....	80 0 0	4,554 0 8	412 5 4	....	5,046 6 0	5,045 10 0	† Short recovery of the 2nd quarter recovered in the 3rd quarter, as per R.&B
								†3 9 4	
Do. Mutton Market ..	10,308 0 0	....	47 0 0	2,980 0 0	634 10 8	....	3,661 10 8	6,646 5 4	
								†4 1 8	
Bhuleshwar Market	18,096 0 0	....	1,031 8 0	2,914 5 4	429 0 0	....	4,374 13 4	11,721 2 8	Audit officer's No. 2244 of 20th Oct 1897, and Deputy Commissioner's No. 1842 of 21st Oct. 1897.
Cudder Market	1,648 0 0	....	....	384 0 0	....	....	384 0 0	1,262 0 0	
Forar Road Market	1 380 0 0	....	....	957 12 0	....	....	957 12 0	422 4 0	
Pork Ma ket	100 0 0	....	....	....	....	....	....	100 0 0	
DeLisle road Sheep Market ..	4,830 0 0	1,155 0 0	....	....	....	1,155 0 0	....	5,985 0 0	
Total for 1897-98 ..	1,72,099 0 0	1,155 0 0	1,372 8 0	24,570 2 8	9,192 0 0	1,155 0 0	35,434 10 8	1,37,819 5 4	

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fall in rents during the year under report contrasted with those in the previous year :—

3. The amount of stall rents in detail during the year under report contrasted with those in the previous four years is as under :—

Names of Markets.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.	Difference as compared with 1897-98.		Remarks.
						Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	.....	615 12 0	384 4 0	585 6 0	735 4 0	149 14 0	.....	
Fort Market	7,377 0 0	7,323 8 0	7,291 8 0	6,778 4 0	6,925 4 0	147 0 0	.....	
A. C. Fruit and Vegetable Market	53,378 14 8	53,071 2 8	53,595 6 0	49,752 10 0	54,208 2 0	4,455 8 0	.....	
Do. Fish and Mutton Market	8,128 8 0	8,288 10 0	7,626 6 0	6,692 9 4	7,251 8 0	558 14 8	.....	
Do. Mutton Market (new).	3,185 9 0	3,234 8 0	3,157 8 0	2,803 0 8	2,960 0 0	156 15 4	.....	
Do. Beef Market	10,000 12 0	10,040 4 0	10,079 4 0	9,256 6 8	10,309 0 0	1,052 9 4	.....	
Godowns	5,820 6 0	5,460 0 0	6,048 0 0	6,212 0 0	6,212 0 0	.....	.....	
Fowl rooms	3,319 4 0	3,280 4 0	3,207 0 0	3,250 8 0	3,372 0 0	121 8 0	.....	
Erskine Road Fruit and Vegetable Market (old) ...	23,889 6 0	23,631 14 8	22,743 12 0	21,377 2 8	22,809 12 0	1,432 9 4	.....	
Do. do. (new) ...	7,583 4 8	7,883 12 0	7,182 2 0	5,049 3 4	5,108 8 0	59 4 8	.....	
Do. Mutton Market ...	7,793 15 0	7,630 0 0	7,869 8 0	6,650 6 8	6,752 0 0	101 9 4	.....	
Bhooleshwar Market ...	6,424 2 8	6,583 9 4	6,281 10 0	11,721 2 8	8,581 4 0	.....	3,139 14 8	
Pedder Market	1,221 0 0	1,242 8 0	1,696 0 0	1,262 0 0	1,226 0 0	.....	36 0 0	
Foras Road Market... ...	630 6 0	502 12 0	506 4 0	422 4 0	495 14 0	73 10 0	.....	
Pork Market...	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	.....	.....	
DeLisle Road Sheep Market.	2,415 0 0	4,830 0 0	4,830 0 0	5,985 0 0	7,140 0 0	1,155 0 0	.....	
Fergusson Road Market ...	.....	.....	.....	.....	592 10 8	592 10 8	.....	Market opened from 1-11-98.
Total ...	1,41,267 8 0	1,43,723 8 8	1,42,598 8 0	1,37,838 0 0	1,44,779 2 8			
Increase over preceding year's rent...	3,409 10 8	2,456 0 8	.....	.....	6,881 2 8			
Decrease over preceding year's rent	.....	.....	1,125 0 8	4,700 8 0	.....			

4. The squatters' fees, from Fish Markets, &c., scale fees, in the Crawford Markets compound, and the Fair ground rent and feeding fees at the Bandora Slaughter Houses, recovered from the contractors during the year under report amounted to Rs. 79,515-0-0 plus Rs. 10-0-0 recovered from the A. C. Fish Market contractor for one day's delay in the payment of his instalment for the month of July 1898, as per Clause 3 of the particulars and conditions of sale against Rs. 81,045-0-0 in the previous year, showing a deficit of Rs. 1,520-0-0 only. The right of collecting these fees is annually put up to auction, but the right of collecting scale fees for the year under report was sold departmentally to the contractors for the previous year with the approval of the Standing Committee, for the reasons advanced in this office report No. 2535 of 9th November 1898 to the Municipal Commissioner. Taking into consideration the state of business in the Markets which had been very slack throughout the year on account of the plague, I consider the total amount realized fair. In the following statement is contrasted in detail the amount recovered during the year under report with those in the previous four years :—

Particulars.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.	Difference as compared with 1897-98.		Remarks
						Increase	Decrease.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Fort Market ...	1,650	1,650	1,650	1,500	1,400	...	100	*The amount of Rs. 10 is the recovery of fine for one day's delay as explained in para. 4 of this letter.
A. C. Beef and A. C. Fish Markets...	7,325	7,325	7,325	5,200	5,200 *10	10	...	
Erskine Road Fish Market	16,750	17,200	17,600	13,900	15,000	1,100	...	
Pedder Market ...	1,560	1,250	1,550	1,175	1,125	...	50	
Foras Road Market.	...	...	130	70	35	...	35	
Colaba Market ...	...	1,000	1,200	900	650	...	250	
Fergusson Road Market	...	...	...	...	†405	405	...	† This amount is from the opening of the market, that is from 1st November 1898 up to the close of the year.
Squatters' fees— Total ...	27,285	28,425	29,455	22,745	23,815 10			
Scale fees at the A. C. Markets' compound	4,100	4,100	4,100	4,100	4,700	600	...	
Fair ground rent and feeding fees at Bandora ...	57,000	59,100	65,500	54,200	51,000		3,200	
GRAND TOTAL ...	88,385	91,625	99,055	81,045	79,525			
Increase over preceding year's amount	2,510	3,240	7,430	...	...			
Decrease over preceding year's amount	...	...	...	18,010	1,520			

5. The squatters' fees collected departmentally during the year under report amounted to Rs. 2,661-15-9 against Rs. 2,423-7-6 in the previous year, showing an increase of Rs. 238-8-3. In the following statement is contrasted the fees recovered during the year under report with those in the previous year:—

Names of Markets.	1898-99.	1897-98.	Difference.	
			Increase.	Decrease.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Fort Market...	10 15 0	55 12 0	.....	44 13 0
A. C. Fruit and Vegetable Market	233 6 6	227 12 6	5 10 0	.....
Erskine Road Fruit and Vegetable Market	1,278 4 3	1,169 13 9	108 6 6	.....
Bhooleshwar Market ...	995 6 6	921 2 3	74 4 3	.....
Foras Road Market ...	0 8 0	2 12 0	.....	2 4 0
Colaba Market	53 12 0	46 3 0	7 9 0	.....
Fergusson Road Market ...	89 11 6	.....	89 11 6	.....
Total	2,661 15 9	2,423 7 6	285 9 3	47 1 0

6. In the above statement the amount of Rs. 89-11-6 from the squatters in the Fergusson Road Market is for a period of five months only, that is from 1st November 1898, the date of the opening of the market up to the close of the year. These squatters were allowed to sell vegetable, &c., in the compound since all the stalls in the vegetable line were occupied, and if this had not been done, they would have persisted in vending their goods on the public road in the neighbourhood of the market which would have caused much discontent amongst the stall-holders and would probably have led to some of them throwing up their stalls. The other items of increases are due to a large number of squatters having been allowed to vend their goods under the eaves of the markets than in the preceding year.

7. The revenue from other sources, comprising the following heads, was Rs. 2,231-15-6 against Rs. 2,384-2-6 in the previous year, as detailed against each head in the following statement:—

Particulars.	1898-99.	1897-98.	Increase.	Decrease.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Verifying weights and measures	1,852 0 0	1,817 4 0	34 12 0	.....
Garden produce	34 4 0	24 1 0	10 3 0	.....
Prices current	149 5 6	156 10 6	.....	7 5 0
Sale proceeds of meat or animals seized under section 412 (2)	65 12 0	25 9 0	40 3 0	.....
Contributions from private market owners	.....	258 0 0	.....	258 0 0
Sale proceeds of manure ...	94 4 0	77 10 0	16 10 0	.....
Recovery of gas	15 0 0	15 0 0	.....	.....
Fee for producing office record	.....	10 0 0	.....	10 0 0
Fee for attending courts, inspection fees, &c. ...	1 0 0	.....	1 0 0	.....
Sale proceeds of cocoanut in the S. H. compound ...	1 14 0	.....	1 14 0	.....
Sale proceeds of wood of trees in the Crawford Markets' compound ...	18 8 0	.....	18 8 0	.....
Total ...	2,231 15 6	2,384 2 6	123 2 0	275 5 0

8. Since there is no appreciable difference in the revenue under the miscellaneous heads in the above statement, the detailed explanation is not necessary.

Slaughter Fees, Butchers' Lucense Fees, &c., &c.

9. The total collection under these heads amounted to Rs. 1,57,435-11-0 against Rs. 1,50,251-8-0 in the previous year,

showing an increase of Rs. 7,184-3-0, as contrasted in the following statement :—

Particulars.	1898-99.	1897-98.	Increase.	Decrease.
	Rs. a. p.	Rs. a. p.	Rs a p.	Rs. a. p.
Slaughter fees	1,35,143 11 0	1,28,679 8 0	6,464 3 0	.....
License fees	16,327 0 0	15,909 0 0	418 0 0	.....
Carriage of meat for Commissariat Contractor.	48 0 0	48 0 0	.....	.....
Ground rent	72 0 0	72 0 0	.....	.....
Chawl rent	2,465 0 0	2,138 0 0	327 0 0	.....
Revenue from toddy trees	.....	40 0 0	.....	40 0 0
Total ...	1,54,055 11 0	1,46,886 8 0	7,309 3 0	40 0 0
Rent from the Commissariat Department (paid direct into the Chief Accountant's office) ...	3,000 0 0	3,000 0 0	.....	.....
Do. Brigadier-General do.	200 0 0	200 0 0	.....	.....
Proceeds of blood from the Contractor Mr. K. D. Framji	180 0 0	165 0 0	15 0 0	.....
Total ...	3,380 0 0	3,365 0 0	15 0 0	.....
GRAND TOTAL ...	1,57,435 11 0	1,50,251 8 0	7,184 3 0	.....

10. In the above statement the collection from slaughter fees shews a large increase of Rs. 6,464-3-0. This is due to the fact that during the year under report there was a very heavy slaughter both in respect of sheep and goats and cattle (excepting buffaloes) comparing that with the previous year as will appear from the statement in the margin giving an average of 106 cows, bullocks and calves and 1,522 sheep and goats per day, against 80 cows, &c., and 1,483 sheep and goats per day in the previous year. In appendix **A** is shewn in detail the total number of animals slaughtered, removed for private slaughter within the meaning of section 403 (*e*) of the Act by private individuals, removed by the Fadkarees or sheep dealers for disposal at the DeLisle Road Sheep Market, &c., &c., each month during the year under report and the amount of fees levied thereon.

Description of animals.	1898-99.	1897-98.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.
Buffaloes ...	1,864	2,498	...	634
Cows, bullocks and calves ...	38,502	29,143	9,359	.....
Sheep and goats...	5,55,607	5,41,641	13,966	.....

11. The other item of increase is under the head of "License fees". This is due to a greater number of licenses, particularly of Beef

and Mutton Hawkers, Butchers in private markets and cattle dealers at Bandora, having been issued during the year under report than in the previous year as detailed in the following contrasted statement :—

Year.	License fees collected in Bombay.									License fees collected at Bandora.								
	From Butchers in Municipal Markets.	From dealers in Municipal Markets other than Butchers under section 40L.	From Butchers in private markets.	From Private Market owners.	From Butchers not being places under section 41(b).	From Beef Hawkers.	From Mutton Hawkers.	From Ib Rind Sheep Market Pinkharees.	From Ib Rind Sheep Cattle Pinkharees.	From Palkhees at Bandora.	From Cattle dealers, Brokers, Slaughter-house, etc.	From Sheep Commissions.	From Beef Commissions.	From Commission of Butchers.	From Labourers, Carts, Drivers, etc.	Total.
	Rs.	Rs.	Rs.	R.	R.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1873-74 ..	474	1,602	900	4,601	760	1,325	150	1,250	43	3,670	680	74	35	10	432	1,527
1874-75 ..	580	1,753	825	4,601	725	700	100	1,250	450	3,020	575	76	45	10	477	15,9[illegible]

12. The increase in chawl rents is due to several of the rooms that were vacant in the previous year on account of the plague having been re-occupied during the year under report.

13. Thus the total collection under all the heads detailed in the several statements above, amounted to Rs. 3,86,633-12-11 against the previous year's collection of Rs. 3,74,002-2-0 and the estimated amount of Rs. 3,87,650 which is exclusive of the probable cost of feeding charges (about Rs. 25,000) paid out of the Fair ground rent and feeding fees recovered from the Bandora Contractor. The following is the general abstract showing the several heads to which the amount is credited :—

Particulars of Heads to which the amount is credited.	1898-99.			1897-98.		
	Rs.	a.	p.	Rs.	a.	p.
Stall rents	1,44,779	2	8	1,37,898	0	0
Squatters' fees (from contractors) ...	23,825	0	0	22,745	0	0
Do. (departmental)	2,661	15	9	2,423	7	6
Fair ground rent and feeding fees (from contractor)	51,000	0	0	54,200	0	0
Slaughter fees	1,35,143	11	0	1,28,679	8	0
License fees from butchers, &c.	16,327	0	0	15,909	0	0
Scale fees (A. C. Markets' compound) ...	4,700	0	0	4,100	0	0
Verifying weights and measures	1,852	0	0	1,817	4	0
Proceeds of blood	180	0	0	165	0	0
Rent from the Commissariat Department.	3,000	0	0	3,000	0	0
Rent, rifle ranges (Brigadier-General) ...	200	0	0	200	0	0
Ground rent	72	0	0	72	0	0
Chawl rent	2,465	0	0	2,138	0	0
Prices current	149	5	6	156	10	6
Garden produce	34	4	0	24	1	0
Recoveries for the use of gas light ...	15	0	0	15	0	0
Do. for carriage of meat from Commissariat contractors	48	0	0	48	0	0
Sale proceeds of meat or animals seized under section 412 (2)	65	12	0	25	9	0
Contribution from private market owners.	.....			258	0	0
Sale proceeds of manure	94	4	0	77	10	0
Fee for producing office record	.....			10	0	0
Do. inspection fee	1	0	0	.....		
Revenue from toddy trees, Bandora ...	.....			40	0	0
Miscellaneous	20	6	0	.....		
Total ...	3,86,633	12	11	3,74,002	2	0

14. It will be observed on reference to the above statement that the total increase under all the heads amounted to Rs. 12,631-10-11, and the cause for the same has been explained in the foregoing paras.

under the respective heads. The following table will show the revenue of each of the last ten years :—

	Rs.	a.	p.
1889-90	3,29,170	3	9
1890-91	3,48,106	5	7
1891-92	3,63,781	8	3
1892-93	3,77,527	4	6
1893-94	3,80,324	13	5
1894-95	3,92,261	13	0
1895-96	4,03,356	12	8
1896-97	3,95,440	13	6
1897-98	3,74,002	2	0
1898-99	3,86,633	12	11

15. During the year under report 1,951 buffaloes, 43,467 horned cattle and 641,650 sheep and goats were brought on the Bandora Fair ground for examination and disposal, out of which 83 buffaloes, 2,736 horned cattle and 36,404 sheep and goats were found unfit for slaughter on inspection, and were consequently rejected as shown in the following statement. The remainder were either slaughtered for the markets or were otherwise disposed of, the details of which are shown in Appendix **A** :—

Month.	Animals presented for examination.			Animals rejected.		
	Buffaloes.	Horned cattle.	Sheep and goats.	Buffaloes.	Horned cattle.	Sheep and goats.
1898.						
April	136	2,882	54,821	8	152	2,084
May	115	4,184	58,418	9	121	3,042
June	142	3,660	48,750	11	210	3,736
July	148	3,608	51,735	12	176	3,045
August	196	3,261	57,948	5	274	2,359
September	186	3,269	45,019	6	136	2,213
October	165	4,019	55,755	7	159	2,981
November	139	3,352	52,603	7	363	2,063
December	180	3,765	60,243	5	254	4,072
1899.						
January	200	4,268	56,534	2	372	4,122
February	181	3,616	50,238	6	262	3,245
March...	163	3,583	49,586	5	257	3,442
Total for 1898-99 ...	1,951	43,467	641,650	83	2,736	36,404
Total for 1897-98 ...	2,764	35,600	6,27,312	263	3,711	49,675

16. The above statement will show that the animals both horned cattle and sheep and goats brought on the Bandora Fair ground during the year under report, were on the whole healthy and in good condition, comparing them with the previous year as can be verified by the facts in the same statement that only 6·2 per cent. of horned cattle and 5·6 per cent. of sheep and goats out of the total number of animals brought on the Fair ground were found unfit for slaughter on inspection.

Refunds.

17. The total amount of refunds for which certificates were granted on account of slaughter fees in respect of the animals which were removed from the slaughter-houses compound for shipping requirements was Rs. 1,298-8-0, the details of which are as under :—

Number of cows, bullocks or calves removed.	Amount of refund.	Number of sheep and goats removed.	Amount of refund.	Total amount of refund.
	Rs. a. p.		Rs. a. p.	Rs. a. p.
.....	.....	2,597	1,298 8 0	1,298 8 0

18. The quantity of unwholesome food destroyed during the year under report as unfit for human consumption, under the provisions of sections 415 and 416 of the Act, was 111,740 lbs. against 120,991 lbs. in the previous year, as detailed below :—

Description of articles.	Quantity in lbs. destroyed in 1898-99.	Quantity in lbs. destroyed in 1897-98.	Remarks.
Mutton	55,639	60,758	Destroyed at Bandora.
Beef	1,125	7,458	
Mutton	1,038	2,338	
Beef	26,830	25,130	
Fish	18,423	14,376	
Fruit	11,628	4,163	
Vegetables	376	741	Destroyed in Bombay.
Corn	...	36	
Sweetmeat	...	84	
Coorla beef	2,681	5,817	
Pork	...	100	
Total ...	111,740	120,901	

19. In Appendix **B** is shown in detail the convictions obtained for bringing meat from Coorla in contravention of section 412 and for the infringement of the other sections of the Act and the By-laws during the year under report. There were in all 67 cases, of which 54 cases were tried in the different Magistrates' Courts, and the total amount

of fines inflicted was Rs. 371-0-0. The other 13 cases were withdrawn as the summonses could not be served or the warrant executed on the parties on account of their absence from Bombay.

General Remarks.

20. During the year under report the fruit and vegetable supply was plentiful and cheap. The beef and mutton supply was also fairly good. The following figures will show the quantity and varieties of fruit imported into the Bombay markets during the year under report compared with those in the previous year :—

Articles.	Number of baskets in 1898-99.	Number of baskets in 1897-98.
Pomegranates ...	15,118	8,663
Moosoombi ...	9,834	11,973
Apples ...	2,202	5,183
Mangoes ...	909	5,862
Oranges ...	11,749	9,602
Grapes ...	2,094	2,355

21. The Fergusson Road Market at Parel was completed and occupied from 1st November 1898. When this market was constructed it was understood that it would be enlarged in future if it should prove a success financially. There are in all fourteen vegetables and fourteen mutton stalls besides the fish area inside the market accommodating fourteen squatters and about twenty squatters outside under the eaves of the market. The total income from the date of its opening up to the close of the year is Rs. 1,087-6-2 as under :—

	Rs.	a.	p.
Stall rents	592	10	8
Squatters' fees from contractor for fish area ...	405	0	0
Squatters' fees (Departmental)	89	11	6
Total ...	1,087	6	2

The average monthly expenditure is about Rs. 94 as under :—

	Rs.	a.	p.
One Sub-Inspector at Rs. 30 per month, plus Rs. 5 conveyance allowance	35	0	0
Two Peons at Rs. 10 each	20	0	0
Two Labourers at Rs. 11 each	22	0	0
Lighting	7	0	0
Contingencies	10	0	0
Total ...	94	0	0
			5
Total for five months ...	470	0	0

22. The above figures will show that from a financial point of view this market is a success, the gain in five months being Rs. 620-0-0 in round sum. There is a demand for vegetable stalls, and since all the stalls are occupied, some squatters are allowed to vend vegetable in the compound of the market on payment of one anna per basket. I am of opinion that this market if enlarged will pay handsomely in the future.

23. During the year under report both the clerical as well as the executive staff under my control have worked well. In this respect I would specially mention Mr. Saunders, the Assistant Superintendent at the Bandora Abattoires and Mr. Sullivan, the Meat Inspector at the A. C. Markets, and also Mr. Burjorji Rustomji, the Head Clerk and Accountant in the Markets Office, who have, as usual, rendered excellent service during the year under report.

Appendix A.

STATEMENT showing the number of animals slaughtered, removed for private slaughter, &c., during the year 1898-99.

Description of Animals.	MONTHS. April 1898	May 1898.	June 1898.	July 1898.	Aug. 1898.	Sept. 1898.	Oct. 1898.	Nov. 1898.	Dec. 1898.	Jan. 1899.	Feb. 1899.	Mar. 1899.	Total number of animals.	Total amount of slaughter fees. Rs.	a.	p.	REMARKS.
Buffaloes	127	115	128	130	191	179	164	124	182	193	176	154	1,863	18,630	0	0	
	1	...	...	...	...	...	...	...	...	...	...	...	**1**	**10**	**0**	**0**	
Cows	3,046	3,055	3,118	3,318	2,837	2,801	2,908	3,044	2,976	3,312	2,565	2,682	35,662	26,746	8	0	
Bullocks	66	50	58	47	91	70	161	266	365	383	392	480	2,429	1,821	12	0	
Calves...	19	25	15	8	18	25	25	34	58	48	66	70	411	308	4	0	
Sheep, goats, &c., for Bombay	41,377	45,192	44,605	43,131	44,197	43,582	42,417	42,754	46,363	46,030	40,224	41,718	521,590	65,198	12	0	
Sheep, goats, &c., for Mahim	1,816	1,710	1,464	1,398	1,429	1,189	2,007	1,447	1,795	1,864	1,739	1,888	19,746	1,234	2	0	
Sheep, goats, &c., for Bandora	1,084	1,240	1,262	1,174	1,036	1,137	1,078	1,098	1,261	1,328	1,233	1,340	* 14,271	891	15	0	
Horned cattle slaughtered by Commissariat	185	157	155	159	159	158	160	147	153	151	139	163	1,886	943	0	0	
Sheep, goats, &c., slaughtered by Commissariat	506	506	456	462	521	471	546	518	483	509	506	623	6,110	381	14	0	
Pigs slaughtered at Sonapore	51	48	44	48	43	42	46	41	59	50	41	37	550	550	0	0	
	2	**2**	...	**2**	...	**1**	...	**1**	**6**	**8**	**3**	**2**	**27**	**54**	**0**	**0**	
Live horned cattle brought to Bombay	*29*	*10*	*12*	*1*	*210*	*24*	*47*	*14*	*6*	*26*	*7*	*9*	395	1,975	0	0	
	...	...	...	...	...	**1**	...	...	...	...	**1**	...	**2**	**10**	**0**	**0**	
Live sheep, goats, &c., brought to Bombay ...	548	1,787	848	837	684	592	892	575	665	634	566	572	9,200	4,600	0	0	
	61	**26**	**31**	**60**	**22**	**16**	**19**	**15**	**18**	**7**	**18**	**27**	**320**	**160**	**0**	**0**	
Live sheep, goats, &c., removed by DeLisle Road Sheep Market Fadkarees...	3,057	1,672	1,705	2,468	1,419	842	2,177	1,736	2,049	2,209	1,590	2,333	† 23,257	11,628	8	0	
														1,35,143	11	0	

● The figures in Block type show the number of animals slaughtered in Bombay by private individuals within the meaning of section 403 (e) of the Act.

(* Deduct for Commissioner's report.) († Add for Commissioner's report.)

Appendix B.

RETURN of Convictions during the Year 1898-99.

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted. Rs. a. p.	REMARKS.
1898.				
Mar. 26th ...	For selling fat brought from Coorla without a license.	Sections 394 and 395 of Municipal Act.	5 0 0	Fined Rs. 5, or in default, to 5 days' simple imprisonment on 8th June 1898.
April 16th ...	For keeping (short weights) contrary to Clause 18, Chapter II, of the New By-laws, and for selling mutton without license as required.	Chapter II, Clause 18 of the new By-laws and Section 411 (*b*).	1 0 0	Fined on 27th April 1898.
„ 17th ...	For selling mutton without a license	Section 411 (*b*) of Municipal Act III of 1888.	1 0 0	Do. do.
„ 18th ...	Do. do.	„ ...	1 0 0	Do. do.
„ „ ...	Do. do.	„ ...	1 0 0	Do. do.
„ 24th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	1 0 0	Do. 11th April 1898.
June 15th ...	Do. do. do. ...	„ ...	7 0 0	Fined on 29th June 1898.
„ 19th ...	Do. do. do. ...	„ ...	6 0 0	Fined on 29th June 1898.
July 13th ...	Do. do. do. ...	„ ...	20 0 0	Fined Rs. 20, or in default, to 10 days' simple imprisonment on 31st August 1898.
„ „ ...	Do. do. do. ...	„ ...	5 0 0	Fined Rs. 5, or in default, to 3 days' simple imprisonment on 31st August 1898.

July	18th	...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	3	0	0	Fined Rs. 3, or in default to 3 days' simple imprisonment on 27th July 1898.
,,	,,	...	Do. do. do. ...	,, ...	5	0	0	Fined Rs. 5, or in default, to 5 days' simple imprisonment on 27th July 1898.
,,	20th	...	Do. do. pork do. ...	,, ...	1	0	0	Fined, 3rd August 1898.
,,	27th	...	Do. do. buffalo do. ...	,, ...	2	0	0	Do. 17th do.
,,	,,	...	Do. do. do. ...	,, ...	2	0	0	Do. do. do.
,,	,,	...	Do. do. do. ...	,, ...	3	0	0	Do. do. do.
,,	28th	...	Do. do. do. ...	,, ...	5	0	0	Do. do. do.
,,	30th	...	Do. do. do. ...	,, ...	3	0	0	Do. do. do.
,,	,,	...	Do. do. do. ...	,, ...	5	0	0	Do. do. do.
,,	31st	...	For keeping in his stall No. 180 in the Fort Market (short) weights which has not been verified and stamped.	Clause XVIII, Chapter II of the new Bye-laws.	3	0	0	Do. 11th do.
Aug.	4th	...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	3	0	0	Do. 17th do.
,,	,,	..	Do. do. do. ...	,, ...	3	0	0	Do. 24th do.
,,	,,	...	Do. do. do. ...	,, ...	3	0	0	Do. do. do.
,,	14th	..	Do. do. do. ...	,, ...	5	0	0	Fined Rs. 5, or in default, to 10 days' simple imprisonment on 7th Sept. 1898.
,,	22nd	...	Do. do. do. ...	,, ...	7	0	0	Fined Rs. 7, or in default, to 14 days' simple imprisonment on 7th Sept. 1898.
,,	29th	..	Do. do. do. ...	,, ...	5	0	0	Fined Rs. 5, or in default, to 5 days' simple imprisonment on 5th Oct. 1898.
				Carried over Rs. ...	106	0	0	

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted	REMARKS.
1898.			Rs. a. p.	
		Brought forward Rs. ...	106 0 0	
Sept. 5th ...	For selling meat without a license	Section 411 (*b*) of Municipal Act III of 1888.	3 0 0	Fined Rs. 3, or in default, to 3 days' simple imprisonment on 29th Sept. 18 8.
Oct. 10th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	10 0 0	Fined Rs. 10, or in default, to 7 days' simple imprisonment on 19th Oct. 1898.
„ 11th ...	Do. do. do. ...	„ ...	1 0 0	Fined Re. 1, or in default, to 1 day's simple imprisonment on 19th Oct. 1898.
„ 13th ...	Do. do. do. ...	„ ...	2 0 0	Fined Rs. 2, or in default, to 2 days' simple imprisonment on 19th Oct. 1898.
„ „ ...	Do. do. do. ...	„ ...	5 0 0	Fined Rs. 5, or in default, to 2 days' simple imprisonment on 19th Oct. 1898.
„ 16th ...	For selling mutton without license and for keeping (short) weights which have not been verified and stamped as required.	Section 411 (*b*) and Clause XVIII, Chapter II, of the new Bye-laws	2 0 0	Fined on the 9th Nov. 1898.
„ 18th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	2 0 0	Do. Do.
„ 24th ...	For selling mutton without a license	Section 411 (*b*) of Municipal Act III of 1888.	2 0 0	Do. do.
„ 29th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	5 0 0	Fined Rs. 5, or in default, to 5 days' simple imprisonment on 1st Dec. 1898.

,, ,, ...	Do.	do.	do. ...	,, ...	2	0	0	Fined on 9th Nov. 1898.
,, ,, ...	Do.	do.	do. ...	,, ...	2	0	0	Do. do.
Nov. 27th ...	Do.	do.	do. ...	,, ...	2	0	0	Fined on 7th Dec. 1898.
,, ,, ...	Do.	do.	do. ...	,, ...	2	0	0	Do. do.
,, 28th ...	Do.	do.	do. ...	,, ...	5	0	0	Fined Rs. 5, or in default, to 5 days' simple imprisonment on 14th Dec. 1898.
,, ,, ...	Do.	do.	do. ...	,, ...	15	0	0	Fined Rs.15, or in default, to 1 month's simple imprisonment on 23rd Feb. 1899.
Dec. 5th ...	Do.	do.	do. ...	,, ...	20	0	0	Fined Rs. 20, or in default, to 15 days' simple imprisonment on 21st Dec. 1898.
,, ,, ...	Do.	do.	do. ...	,, ...	20	0	0	Do. do.
,, 21st ...	Do.	do.	do. ...	,, ...	1	0	0	Fined Re.1, or in default, to 1 day's simple imprisonment on 18th Jan. 1899.
,, 22nd ...	Do.	do.	do. ...	,, ...	15	0	0	Fined Rs. 15, or in default, to 10 days' simple imprisonment on 18th Jan. 1899.
				Carried over Rs. ...	222	0	0	

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted.	REMARKS.
			Rs. a. p.	
1899.		Brought forward Rs. ...	222 0 0	
Jan. 11th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	5 0 0	Fined Rs.5,or in default,to 5 days' simple imprisonment on 8th Feb. 1899.
„ 22rd ...	Do. do. do. ...	„ ...	5 0 0	Do. do.
„ 31st ...	Do. do. do. ...	„ ...	3 0 0	Fined Rs. 3,or in default,to 3 days' simple imprisonment on 15th Feb. 1899.
„ „ ...	Do. do. do. ...	„ ...	3 0 0	Do. do.
„ „ ...	Do. do. do. ...	„ ...	15 0 0	Fined Rs. 15,or in default,to 15 days' simple imprisonment on 15th Feb. 1899.
Feb. 2nd ...	Do. do. do. ...	„ ...	8 0 0	Fined Rs. 8,or in default,to 7 days' simple imprisonment on 23rd Feb. 1899.
„ 18th ...	Do. do. do. ...	„ ...	30 0 0	Fined Rs.30,or in default, to 1 month's simple imprisonment on 29th Mar. 1899.
„ „ ...	Do. do. do. ...	„ ...	50 0 0	Fined Rs. 50, or in default, to 1 month's simple imprisonment on 8th Mar. 1899.
„ 19th ...	Do. do. do. ...	„ ..	30 0 0	Fined Rs. 30,or in default, to 1 month's simple imprisonment on 29th Mar. 1899.
		Grand Total Rs. ...	371 0 0	

4.—RETURN OF STREET ACCIDENTS.

STATEMENT showing Street Accidents caused by the running over by conveyances in the Town and Island of Bombay from 1st April 1898 to 31st March 1899.

No.	Names of Streets.	Tram Cars.		Other Conveyances.	
		Killed.	Injured.	Killed.	Injured.
1	Colaba Causeway Road	...	2	...	6
2	Lower Colaba Road	...	...	...	4
3	Dalal Street	...	...	...	1
4	Church Gate Street	...	...	...	5
5	Custom House Road	...	...	...	3
6	Apollo Street	...	...	...	2
7	Esplanade Road	...	2	...	6
8	Medows Street	...	...	...	2
9	Mint Road	..	1	...	3
10	Carnac Road	...	3	...	10
11	Hornby Road...	...	8	1	9
12	Cochin Street	...	...	...	1
13	Fort Street	...	...	...	3
14	Pathan Road	...	...	...	1
15	Frere Road	...	1	1	11
16	Queen's Road	...	...	...	3
17	Cruickshank Road	...	2	...	2
18	Argyle Road	...	...	...	4
19	Coorla Street	...	...	1	...
20	Musjid Bunder Road	...	1	2	23
21	Pydhoni Road...	...	...	...	3
22	Dongri Street	...	...	1	8
23	Kazi Syad Street	...	...	...	4
24	Samuel Street	...	...	...	5
25	Carnac Siding Road	...	...	...	1
26	Don Tad Street	...	...	...	2
27	Chinch Bunder Road...	...	...	...	2
28	Do. do. 1st Road	...	...	...	4
29	Do. do. 2nd do.	...	...	...	1
30	Daryasthan Lane	...	...	...	2
31	Chuckla Street	...	...	...	3
32	Abdul Rahiman Street	...	3	...	18
33	Janjikar Street	...	...	...	2
34	Zakria Masjid Street	...	...	...	1
35	Nagdevi Street	...	3	...	10
36	Kolsa Street	...	...	...	1
37	Bhajipala Street	...	...	...	1
38	Dhobi Gulli	...	...	...	1
39	Narayen Dhuru Street...	...	...	...	1
40	Sarang Street	...	...	1	...
41	Memonwada Road	...	...	1	3
	Carried forward ...	...	26	8	172

No.	Names of Streets.	Tram Cars.		Other Conveyances.	
		Killed.	Injured.	Killed.	Injured.
	Brought over ...	...	26	8	172
42	Bhendi Bazar Road	1	3	...	21
43	Old Nagpada Road	...	...	...	2
44	Jail Road, North	...	...	1	2
45	Do. South	...	...	...	2
46	Tandel Street	...	...	...	2
47	Imamwada Road	...	...	...	2
48	Tantanpura Road	...	...	...	1
49	Nishanpada Road	...	...	...	1
50	Kalyan Street	...	...	...	1
51	Mazagon Road	...	2	...	3
52	New Hanuman Lane	..	...	...	1
53	Old Hanuman Lane	...	...	...	1
54	Kalbadevi Road	...	3	...	13
55	Shaik Memon Street	...	...	...	4
56	Champa Gulli	...	...	...	1
57	Vithalwadi	...	...	...	1
58	Mumbadevi Tank Road	...	...	...	3
59	Do. Parel Road ...	...	1	...	...
60	Do. Compound... ...	...	...	...	1
61	Mulji Jetha Market	...	...	1	...
62	Girgaum Road...	...	5	...	18
63	Girgaum Back Road	...	...	1	6
64	Queen's Road	...	...	...	9
65	Cathedral Street	...	...	...	1
66	Charni Wadi	...	...	...	2
67	Kolbhat Street...	...	...	...	1
68	Chandan Wadi...	...	...	...	2
69	Lohar Street	...	...	...	2
70	Jambulwadi	...	...	...	2
71	Thakoordwar Road	...	...	...	4
72	Bhuleshwar Road	...	...	...	7
73	3rd Bhoiwada	...	...	...	1
74	Bapu Khote Street	...	4	...	1
75	Kika Street	...	...	...	7
76	Ghogari Street	...	...	...	1
77	Erskine Road	...	...	...	7
78	Falkland Road	...	5	...	18
79	Duncan Road	...	...	...	10
80	Khoja Street	...	...	...	5
81	Kumbharwada 1st Street	...	...	...	1
82	Do, 2nd do.	...	...	...	1
83	Northbrook Street...	...	...	...	1
84	Kawasji Patel Tank Road	...	...	...	2
85	Trimbak Parashram Street	...	...	...	2
86	Grant Road	...	1	...	16
	Carried forward ...	1	50	11	361

No.	Names of Streets.	Tram Cars.		Other Conveyances.	
		Killed.	Injured.	Killed.	Injured.
	Brought over ...	1	50	11	361
87	Arthur Road	...	...	...	5
88	Tardeo Road	...	...	1	7
89	Forjett Street	...	...	...	1
90	Gawalia Tank Road	...	...	...	2
91	Ridge Road	...	...	...	1
92	Nepean Sea Road	...	...	...	2
93	Narayen Dabholkar Street	...	...	...	2
94	Churney Road...	...	...	...	2
95	DeLima Street	...	...	...	4
96	Ghorapdeo Road	...	...	1	...
97	Dockyard Road	...	...	...	1
98	Wuri Bunder Road	...	...	...	1
99	Parel Road	...	7	...	13
100	Do. Tank Road	...	...	...	1
101	Baboola Tank Road	...	...	...	1
102	Duncan Road	...	3	...	4
103	Foras Road	...	...	...	6
104	Bellasis Road	...	...	...	6
105	Gilder Street	...	...	...	3
106	Ripon Road	...	4	2	8
107	Kursetji Suklaji Street	...	...	...	5
108	Kamathipura 8th Lane	...	...	...	1
109	Bapty Road	...	...	1	2
110	Shepherd Road	...	...	...	1
111	Clare Road	...	...	...	3
112	Sankli Street	...	...	...	1
113	Teli Moholla	...	...	...	1
114	Haines Road	...	...	...	6
115	DeLisle Road	...	...	...	7
116	Clerk Road	...	...	...	2
117	Suparibag Road	...	...	1	6
118	Currey Road	...	...	...	1
119	Sewri Cross Road	...	...	...	1
120	Sion Road	...	...	...	2
121	Dadar Road	...	...	...	5
122	Mahim Bazaar Road	...	...	...	2
123	New Parbhadevi Road...	...	...	1	3
124	Ferguson Road	...	...	...	4
125	Carol Road	...	...	...	1
126	Elphinstone Road	...	...	...	1
127	West Wharf Victoria Dock	...	2	...	3
128	West Wharf Prince's Dock	...	2	...	3
129	South Wharf Victoria Dock	...	...	...	1
130	East Wharf Prince's Dock	...	...	...	1
	Grand Total ...	1	68	18	494

5.—REPORT ON THE WORKING OF THE MUNICIPAL HOSPITAL FOR INFECTIOUS DISEASES AT ARTHUR ROAD FOR THE YEAR 1898.

I.—The report for 1897, covered a period of eighteen months, from 1st January 1897 to 30th June 1898—and brought up the history of plague work to the end of the Second Plague epidemic of 1897-98. It is proposed in this report to bring together the data, statistics, etc., of the recrudescence of plague during the monsoon of 1898, and of the epidemic of 1898-99 up to the end of May 1897.

II.—*Grounds and Buildings.*

The full accommodation of the hospital was kept up during the year. In order to provide accommodation for contacts, evicts and attendants and relatives of patients, two of the newly put up temporary wards to the north of the hospital, were converted into a camp with sufficient room for about 200 persons. These were re-converted into wards early during the present year, and a separate contact camp was put up alongside.

Considerable alterations and additions were made to the permanent and temporary structures. Indian Patent stone flooring was laid down in the two remaining permanent wards, and covered passages were constructed between the W. Cs. and the same. Corrugated-iron sheds were put up for a bathing place, for a bhatie for the dhobies, and the cook room was similarly enlarged. All the permanent and temporary structures were repaired, painted or lime-washed as required.

A new W. C. on the English system was constructed for the use of the resident staff. A new *pucca* built mortuary, 24′ × 20′ was also erected.

III.—*Conservancy and Water-supply.*

The same system as described in the report for 1897, continued.

IV.—*Medical Staff, Establishment and Nursing.*

(*a*) No changes were made in the Medical Officers throughout the year. Dr. D. S. Fraser continued as Assistant Medical Officer and was placed in charge during the absence on leave of the Medical Officer.

(*b*) *Hospital Assistants.*—The number of hospital assistants remained at three, an extra Assistant was temporarily attached during the early part of the year and his services were subsequently dispensed with on the decline of the epidemic.

(*c*) *Nursing.*—The changes in the nursing staff have been so constant, and so varied, that scarcely any nurses have worked continuously for a sufficient length of time. The plague nursing was entirely under the English Nurses, and amongst those attached from time to time, may be mentioned Misses Green (Lady Superintendent), Harris, Boyd, Coleman, Reynolds, Tanner, Harvey, Dowson, Hitchman, Murphy, Greening, Wood, Gardner, Blaney, Richardson, Reilly, Holmes, Fry, &c., &c.

The nursing of relapsing fever, and observation cases continued, as hitherto under the local nurses, Mrs. Baker, Mrs. Manning, Mrs. Crichton and Misses Beale, Phillips, and Eagan were attached to these wards.

(*d*) The number of ward servants, etc., as given in the last report as existing in the early part of 1898, was considerably reduced after the decline of the epidemic of 1897-98.

It had however again to be increased with increasing requirements, but not to the same extent as in 1898.

Establishment in March 1899 :—

1 Chief Medical Officer.
1 Assistant Medical Officer.
4 Hospital Assistants.
10 English Nurses.
6 Local Nurses.
2 Under Nurses.
1 Clerk.
1 Compounder.
1 Telephone Clerk.
46 Ward-boys.
10 Ayahs.
4 Cooks.
3 Dhobies.
1 Mali.
1 Bhisti.
1 Dispensary servant.
8 Ambulance men.
4 Lime-Washers.
4 Police ramosees.
16 Sweepers (Male).
10 Sweepers (Female).

The above establishment has been considerably reduced since the decline of the epidemic.

V.—*Medical History of the year* 1898-99.

The plague epidemic of 1897-98 ended practically in the beginning of June 1898, and the state of public health looked somewhat hopeful towards the beginning of the monsoon. Unfortunately, however, matters did not thus continue long, and about the middle of July, signs were not wanting to point towards another epidemic or at least a severe recrudescence of the disease. And eventually a recrudescence did develope, and the months of August, September and October again showed heavier plague, as well as total mortality, and the admissions into the hospitals were also proportionately so. Towards the end of October, the recrudescence abated, and during November the admissions again fell, with a corresponding improvement in the plague and total mortality. But in the month following it became early evident, that the third epidemic had already commenced. The total and plague mortality again increased, and the epidemic ran throughout its full course, reaching its acme during the four weeks of March when the total weekly mortality recorded the highest figures than in any of the previous epidemics. It commenced to decline gradually with marked and irregular oscillations, and terminated practically at the end of June 1899. And at the time of writing this report (August) it appears as if a recrudescence similar to that of 1898, were just beginning.

This, the third plague epidemic, was known no less for its extreme virulence, than for the severity of the individual cases, and during March, it far surpassed in malignancy, the worst period of the second epidemic. Scarcely ten per cent. of patients were free from serious lung complications—a factor, which was non-existent in the previous epidemics and which contributed not a little to the higher mortality rate.

Relapsing fever has continued to exist in an epidemic form all throughout the period, and though the admissions fell off to some extent in November and December 1898, and January 1899, they again increased with the increase of plague, and have decreased with its decline. Through some cause or other the fever persists in the city, and the admissions which had considerably fallen off in July, are again heavy.

The following table shows the particulars of the patients admitted during 1898 and up to the end of May 1899.

The total admissions during the former period were 4,319, and during the latter 1,769.

TABLE SHOWING the number of admissions from all diseases during 1898, and the first five months of 1899 :—

Months.		Plague.	Relapsing Fever.	Cholera.	Small-pox.	Chicken-pox.	Measles.	Whooping Cough.	Observation Cases and other Diseases.	Total.
January 1898	...	496	188	1	2	6	5	...	112	810
February "	...	660	218	...	2	13	4	...	61	958
March "	...	464	101	1	14	28	3	...	29	630
April "	...	117	17	...	1	3	...	1	46	185
May "	...	98	101	...	...	...	...	...	54	253
June "	...	12	116	...	1	...	...	...	23	152
July "	...	28	114	4	...	1	...	...	34	181
August "	...	73	132	...	5	1	...	...	34	245
September "	...	91	214	...	...	...	...	...	18	323
October "	...	63	191	...	...	1	...	...	22	277
November "	...	22	90	...	...	1	...	1	7	121
December "	...	73	99	...	3	2	1	...	6	184
Total	...	2,187	1,581	6	28	56	13	2	446	4,319
January 1899	...	178	91	...	2	1	1	...	15	288
February "	...	324	112	...	9	2	26	...	19	486
March "	...	390	135	...	9	3	13	...	15	565
April "	...	164	81	...	26	...	5	...	10	286
May "	...	52	61	...	18	...	...	...	13	144
Total	...	1,108	480	...	64	6	39	...	72	1,769
GRAND TOTAL...		3,295	2,061	6	92	62	52	2	518	6,088

VI.—*Plague.*

The total number of admissions from plague during 1898 was 2,187 ; of these, 1,602 died and 585 recovered, giving a mortality rate for the year of 73·25 per cent., a rate that is higher by nearly seven per cent. than in 1896 and 1897.

There were 1,108 admissions up to the end of May 1899, and of these, 878 died and 230 recovered, the mortality rate being 79·24 per cent. and which again is more than seven per cent. higher than during the corresponding period of 1898. A fact, which clearly denotes the increasing virulence of each succeeding epidemic.

The total of all the admissions from plague since 1896, appear to be 4,862 patients with an actual mortality rate of 73·75 per cent. after eliminating convalescent patients transferred from other hospitals.

The following table shows the particulars of admissions, deaths, recoveries, &c., in detail :—

Months.	Number.	Died within 24 hours.	Died within 48 hours.	Total deaths.	Recovered.	Percentage of mortality.
September-October 1896 ...	88	17	10	46	42	52·23
November 1896	27	9	3	18	9	66·67
December „	182	60	63	135	47	74·12
Total ...	297	86	76	199	98	67·00
January 1897	277	90	43	191	86	68·95
February „	365	130	46	298	67	81·64
March „	193	54	34	130	63	67·35
April „	60	17	10	34	26	56·66
May „	26	7	1	10	16	38·46*
June „	42	2	1	6	36	14·28*
July „	13	1	1	7	6	53·84
August „	11	9	...	7	4	63·63
September „	33	11	4	22	11	66·66
October „	31	6	7	16	15	51·61
November „	52	11	6	26	26	50·00
December „	167	32	44	115	52	68·88
Total ...	1,370	364	197	862	408	67·87
January 1898	496	139	103	362	134	72·98
February „	660	185	140	514	146	77·81
March „	454	143	82	341	113	75·11
April „	117	29	9	58	59	49·57†
May „	98	19	6	44	54	44·89†
June „	12	2	1	4	8	33·33†
July „	28	5	5	22	6	78·57
August „	73	27	15	56	17	76·71
September „	91	27	17	75	16	82·41
October „	63	25	9	53	10	84·12
November „	22	6	2	18	4	81·81
December „	73	25	8	55	18	75·34
Total ...	2,187	632	397	1,602	585	73·25
January 1899	178	73	42	149	29	83·77
February „	324	109	56	257	67	79·32
March „	390	114	79	310	80	79·48
April „	164	48	36	128	36	78·04
May „	52	20	11	34	18	65·38
Total ...	1,108	364	224	878	230	79·24
GRAND TOTAL ...	4,862	1,446	894	3,541	1,321	72·83‡

* Convalescent patients from other hospitals were transferred during these months; if these be excluded, the actual mortality for these months would be 40·00 and 22·22 per cent. respectively.

† The mortality for April, May and June 1898, would be 58·41, 54·88 and 57·14 per cent. respectively, if the convalescent admissions be excluded.

‡ If the convalescents be eliminated, the actual mortality rate of all the acute cases would be 73·75 per cent.

On comparing the epidemic and inter-epidemic months from 1896 to 1899, there appears to be a steadily increasing mortality rate, year after year, during the corresponding months except in one or two instances, thus further corroborating the increasing virulence of the disease year after year.

The following table gives a comparative statement of the months, arranged according to the epidemic, and inter-epidemic periods :—

Epidemic period—	1896.	1897.	1898.	1899.
November	66·67	50·00	81·81	...
December	74·12	68·68	75·34	...
January	.....	68·95	72·38	83·77
February	.....	81·64	77·37	79·32
March	.....	67·35	75·11	79·48
April	.....	56·66	58·41	78·04
May	.....	40·00	54·83	65·38
Inter-epidemic period—				
June	.....	22·22	57·14	82·35
July	.....	53·84	78·57	...
August	.....	63·63	76·71	...
September	.....	66·66	82·41	...
October	52·23	51·61	84·12	...

The following tables show the number of admissions, deaths, recoveries, and mortality rates amongst the various races and also by sexes in each race. Hindoos stand high with a mortality rate of 74·38 per cent., the mortality rates amongst Mussalmans and Native Christians is about equal and ten per cent. lower :—

Castes.	Number.	Died.	Recovered.	Percentage of Mortality.
Hindoos...	4,135	3,076	1,059	74·38
Mussalmans	308	200	108	64·93
Native Christians	378	244	134	64·55
Parsees	20	7	13	35·00
Beni-Israel	21	14	7	66·66
Total ...	4,862	3,541	1,321	72·83

Hindoos.

Sex.	Number.	Died.	Recovered.	Percentage of Mortality.
Males	2,940	2,225	715	75·68
Females...	854	616	238	72·13
Children	341	235	106	68·91
Total ...	4,135	3,076	1,059	74·38

Mussalmans.

Sex.	No.	Died.	Recovered.	Percentage of Mortality.
Males	259	164	95	63·32
Females	38	29	9	76·31
Children	11	7	4	63·63
Total ...	308	200	108	64·93

Native Christians.

Sex.	Number.	Died.	Recovered.	Percentage of Mortality.
Males	269	172	97	63·94
Females	84	57	27	67·85
Children	25	15	10	60·00
Total ...	378	244	134	64·55

Parsees.

Sex.	Number.	Died.	Recovered.	Percentage of Mortality.
Males	15	5	10	33·33
Females	4	2	2	50·00
Children	1	...	1	.....
Total ...	20	7	13	35·00

Beni-Israels.

Sex.	Number.	Died.	Recovered.	Percentage of Mortality.
Males	10	7	3	70·00
Females	4	3	1	75·00
Children	7	4	3	57·14
Total ...	21	14	7	66·66

Comparing the mortality by sexes, it appears that in males it is highest, and in children lowest, the mean difference being about 6 per cent. :—

Sex.	Number.	Died.	Recovered.	Percentage of Mortality.
Males	3,493	2,573	920	73·66
Females	984	707	277	71·95
Children	385	261	124	67·79
Total ...	4,862	3,541	1,321	72·83

VII.—*Relapsing Fever.*

The total number of relapsing fever patients treated during 1898 was 1,581, with 329 deaths, and 1,252 recoveries, giving a mortality rate of 20·80 per cent. From January to May 1899, there were 480 admissions, with 117 deaths, and 363 recoveries, equal to a mortality rate of 24·57 per cent.

The following table shows the admissions, deaths, recoveries and percentage of mortality from relapsing fever since April 1897. It appears that this fever has also become more virulent, and the mortality which averaged only 18·08 per cent. in 1897, rose to 20·80 in 1898, and to 24·37 during the first five months of 1899 :—

Months.	No.	Died.	Recoveries.	Percentage of Mortality.
April 1897	7	...	7	00·0
May "	12	1	11	8·33
June "	23	1	22	4·64
July "	15	1	14	6·66
August "	24	...	24	00·00
September "	54	6	48	11·11
October "	57	7	50	12·28
November "	82	10	72	12·19
December "	190	44	146	23·15
Total ...	464	70	394	15·08
January 1898	188	31	157	16·48
February "	218	36	182	16·51
March "	101	37	64	36·63
April "	17	5	12	29·41
May "	101	26	75	25·74
June "	116	21	95	18·10
July "	114	20	94	17·54
August "	132	19	113	14·39
September "	214	46	168	21·49
October "	191	37	154	19·37
November "	90	30	60	33·33
December "	99	21	78	21·21
Total ...	1,581	329	1,252	20·80
January 1899	91	18	73	19·78
February "	113	16	96	14·28
March "	135	40	95	29·62
April "	81	21	60	25·92
May "	61	22	39	36·06
Total ...	480	117	363	24·37
GRAND TOTAL ...	2,525	516	2,009	20·43

The following statement shows the various castes and mortality in each from relapsing fever :—

Castes.	No.	Died.	Recovered.	Percentage of Mortality.
Hindus	2,435	497	1,938	20·41
Mussalmans	55	10	45	18·18
Native Christians	34	9	25	26·47
Israel	1	...	1	00·00
Total ...	2,525	516	2,009	20·43

Relapsing fever prevails to a very limited extent amongst the other races in the city and its incidence is confined mainly to the Hindus of the labouring and lower classes. They number 2,435 cases in a gross total of 2,525.

Arranged according to sexes, the following table shows the incidence and mortality in each sex, amongst the Hindus :—

Sex.	No.	Died.	Recovered.	Percentage of Mortality.
Males	1,834	399	1,435	21·75
Females	437	89	348	23·66
Children...	164	9	155	5·48
Total ...	2,435	497	1,938	20·41

There is a difference of about 2 per cent. in the mortality between males and females, but the rate in children is remarkably low, being only 5·48 per cent.

VIII.—*Cholera.*

Cholera has been practically non-existent. Only 6 sporadic cases were admitted during the period ; of these 2 died and 4 recovered.

IX.—*Small-pox.*

Only 28 cases of small-pox were admitted during 1898 and of these 9 died and 19 recovered.

From January to May 1899, 64 cases have been admitted, and of these 4 died and 60 recovered.

X.—*Chicken-pox.*

Chicken-pox admissions numbered 56 during 1898; all recovered. There were only 6 admissions up to the end of May 1899, and no deaths.

XI.—*Measles.*

13 cases of measles were admitted in 1898, 12 recovered and 1 died, 39 were admitted up to the end of May 1899, and of these 3 died and 30 recovered.

XII.—*Whooping Cough.*

There were only 2 admissions and both recovered.

XIII.—*Observation Cases.*

446 patients were kept under observation during 1898, and 72 up to the end of May 1899. Most of them were discharged after varying periods of detention, a few died from exhaustion consequent on chronic diarrhœa or dysentery, etc., and some were transferred to the General Hospitals. These cases comprised remittent and intermittent fevers, acute rheumatism, hepatitis, hepatic abscess, diarrhœa, dysentery, venereal diseases, pneumonia, bronchitis, pleurisy, hemiplegia, paralysis agitans, paraplegia, chorea, valvular diseases of the heart, Brights disease, guineaworm, skin diseases, scurvy, scorfula, etc., etc.

XIV.—*Statistics for the Year* 1898.

The following statement shows the number of patients treated during the year 1898, as compared with 1897. The total treated during the year 1898 was 4,319, as compared with 2,945 in 1897 :—

	1897.	1898.
Plague	1,270	2,187
Relapsing fever ...	464	1,581
Cholera	251	6
Small-pox	53	28
Chicken-pox ...	16	56
Measles	17	13
Mumps	2	0
Whooping cough ...	4	2
Observation Cases and other diseases ...	868	446
Total ...	2,945	4,319

XV.—*Conduct of the Establishment.*

Dr. D. S. Fraser has proved a most capable, efficient and invaluable assistant, and has worked with rare zeal and ability in the discharge of his duties.

Hospital Assistants Samuel Samson, Pandarinath Bhawanrao, and Liladhar Jugjiwandas have been most unsparing in their labours and have worked hard and incessantly throughout these trying times. The services of the latter two have been lent by Government, and I would most strongly urge their claims for some recognition for their arduous and anxious labours. And especially so, in the case of Mr. Pandarinath who has been attached to this hospital since October 1896 and who, in addition to hard work, had the misfortune to fall a victim to plague, from which he fortunately recovered. If any Hospital Assistant deserves special commendation for plague work, it is Mr. Pandarinath and I have once again much pleasure in bringing his claims to the notice of the Municipal Commissioner, for such representation to Government as he may be pleased to make.

N. H. CHOKSY, KHAN BAHADUR,
Medical Officer in charge,
Arthur Road Hospital.

BOMBAY, 12*th August* 1899.

EDUCATIONAL.

REPORT OF THE JOINT SCHOOLS COMMITTEE, forwarded by the Committee's Secretary under his No. 248 of 9th June 1899.

THE JOINT SCHOOLS COMMITTEE'S OFFICE,
MUNICIPAL OFFICE, FORT,
BOMBAY, *23rd May* 1899.

REPORT ON THE ADMINISTRATION OF THE JOINT SCHOOLS COMMITTEE FOR THE YEAR 1898-99.

Personnel of the Committee.

At the commencement of the year the Joint Schools Committee consisted of the following members:—

Appointed by Government.	*Appointed by the Corporation.*
NOWROSJEE N. WADIA, Esq., C.I.E.	PROFESSOR O. V. MULLER, M.A.
GRATTAN GEARY, Esq.	NANU N. KOTHARE, Esq.
CHIMANLAL H. SETALWAD, Esq. B.A., LL.B.	IBRAHIM RAHIMTOOLA, Esq.
PRINCIPAL J. T. HATHORNTHWAITE, M.A.	KAIKHOSRO N. KABRAJEE, Esq.

The two senior members who retired, under section 39 (3) of the Bombay Municipal Act, were Mr. Nowrosjee N. Wadia and Professor O. V. Muller. The Government appointed Khan Bahadoor Darasha R. Chichgur in place of Mr. Wadia, while Professor Muller, a representative of the Corporation, was re-appointed by that Body. The Committee placed on record their sense of the warm and active interest, taken by the retiring member, Mr. Wadia, as Chairman of the Committee for over three years, and as a member since its foundation ten years ago.

Principal Hathornthwaite was re-elected Chairman of the Committee for the year.

Finance.

The opening workable balance to the credit of the School Fund on 1st April 1898, was Rs 53,122-3. The total receipts for the year were Rs. 1,35,774-13-3 as against Rs. 1,27,165-9-0, for the year 1897-98, the rise being due to increased municipal contribution. The total expenditure was Rs. 1,26,358-13-9, as against Rs. 1,22,542-13-1 for the previous year. The closing balance on 31st March 1899, to the credit of the School Fund was Rs. 62,538-2-6.

The actual expenditure was considerably below the estimate, owing mainly to the general disorganization caused by plague. A large number of teachers went away on leave on half pay, or without pay, as the case might be, and on account of paucity of attendance in most of the schools, there was no need to appoint substitutes in their place. Besides the considerable saving effected on this account, the new schools, which were provided for in the Budget, could not be opened from the commencement of the year, nor was it considered necessary, in the prevailing circumstances of the city, to incur at once the whole of the expenditure included for them in the Budget. Plague having also seriously affected the attendance and progress of the Aided Schools, the grants earned by them were much below what they might have obtained in ordinary times.

The average cost per pupil was Rs. 29·5, as against Rs. 33 in 1897-98 and was distributed as under :—

Teaching	...	...	...	...	...	...	Rs.	19
Rent	...	...	..	...	...	...	„	8·1
Miscellaneous	...	...	...	...	...	...	„	2·4
						Total ...	Rs.	29·5

The Plague and its Effects.

The Municipal Schools again suffered grievously, both in progress and attendance, on account of another visitation of plague this year. When it assumed epidemic proportions in the cold weather the number in almost all the Marathi and Gujerati Schools declined very considerably, and a few of them had not a single pupil for days. From time to time the schools in deeply infected localities had to be temporarily closed as a measure of precaution. The attendance in these schools was gradually so far reduced that after the Annual Examination was completed, they were closed for the summer vacation three weeks before the usual date. Considering the circumstances, the examination results were very fairly satisfactory.

The Committee are glad to observe that, as in the two previous years, the Urdoo schools were able to maintain very satisfactory attendance throughout the year in spite of the plague. None of these schools had to be closed even for a time, and the teachers were not anxious like many of their colleagues in the Gujerati and Marathi schools, to go away on leave. The progress made by the Urdoo schools, in the face of adverse circumstances, is very re-assuring.

It is to be regretted that, speaking generally, the progress of primary education in Bombay has suffered a check in consequence of successive visitations of plague. Until the disease first made its appearance in October 1896, the number of schools and scholars was steadily increasing, and elementary education was spreading among the masses at a satisfactory rate of progress, which has been temporarily arrested.

There is, however, every reason to believe that when the public health regains its normal state, there will be simultaneously a revival of the conditions favourable to the growth of education.

New Schools.

Having regard to the urgent wants of certain localities, the Committee opened a few new schools during the year. One Urdoo school was opened at Byculla and another at Dharavi, both being now well attended. The Mahomedans of Dharavi expressed their gratification by passing a resolution at a public meeting, cordially thanking the Committee for opening a school there for their children. A Marathi school was also opened at Dharavi for the children of low caste Hindus, and the Committee are glad to observe that of all the Marathi schools, the attendance in this school was the highest at the end of the year. There are now three schools maintained by the Committee for the depressed classes, the experiment of providing them with the means of instruction being attended with considerable success. At the Mazagon Urdoo school for boys, a separate class for girls was opened under a female teacher, similar provision having been made at the Khara Talao Urdoo school last year. These classes are well attended and popular, and it is hoped that they will gradually develope into independent girls' schools. In compliance with the request of some of the residents of Parel, a Gujerati class has been attached to the Marathi school in the locality.

Night Schools.

Owing to the general exodus of the working classes every year when the plague is at its height, the six night schools under the Committee were reduced to a very unsatisfactory condition. In some of them the attendance was absolutely *nil*, while in others it was but nominal. The Committee have, therefore, closed them for the present but will re-open them, as soon as a favourable opportunity may arise.

Rules regarding Teachers' salary.

The Committee, after very careful consideration, have framed a set of rules regulating the pay and promotion of teachers, which having received the approval and sanction of the Corporation were reported to the Director of Public Instruction, as required by the Committee's By-laws. The scale of pay has been fixed in view of the cost of living in Bombay, the maxima attainable by the teachers at various stages of their service being higher than the amount fixed under the Government scale hitherto in force.

The Committee have for some years been acting on the principle of never appointing untrained teachers to permanent posts. But they have in their schools a number of such teachers who were permanently employed by Government before the transfer of the schools to the Municipality. They have grown grey in the service and will die out in the course of a few years. Although many of them combine with age, mature teaching experience, and have for long been doing good work as teachers, yet because untrained, they are debarred under the By-laws from obtaining more than Rs. 10 per mensem. To remedy this evil, the Committee have framed rules for granting to this class of teachers a personal allowance rising gradually to five rupees per mensem, in addition to their regular pay, and these rules have been approved by the Corporation and the Director of Public Instruction.

Trained Teachers.

It is satisfactory to note that the long-felt want of trained female teachers for Gujerati Girls' Schools is being gradually supplied. Last year, the Committee took into their service four female teachers who had just passed out of the Ahmedabad Training College, and during the year under report arrangements were made for the employment of three more.

The Committee allow stipends for the maintenance of those who go to the Training College for study; but it is to be regretted that young teachers do not avail themselves of the advantages offered to the extent desired by the Committee.

Public Competitive Examinations.

The Charni Road Girls' School, which is reported to be in a high state of efficiency, again distinguished itself this year by winning two of the Scholarships awarded by the Ladies' Branch of the National Indian Association. The two Government Middle School Scholarships were also carried off by Municipal Schools, namely the Vithalwady and the Girgaum Marathi Schools. The Vithalwady School, where instruction is given up to the highest vernacular standard, also passed two out of three pupils presented for the Third Grade Public Service Certificate.

Among the Aided Schools for girls which submitted pupils at the Mary Carpenter Scholarship Examination, those belonging to the Students' Literary and Scientific Society carried off as many as seven out of eleven Scholarships—a result which speaks highly for the quality of the instruction imparted in these Schools. A Scholarship was also won by a pupil of the Merwanjee Setna Girls' School.

Aided and Indigenous Schools.

The Aided and Indigenous Schools suffered much on account of the epidemic, but considering the circumstances, the examination results were fairly good. The number of these schools at the commencement of the year was 85. Five new schools were added to the list during the year, while four schools having ceased to exist were struck off the register, so that the total number at present receiving grant-in-aid from the Committee is 86. The grants earned by most of the schools were below the average, owing to reduced attendance. But there was a notable exception in the case of the American Mission School, which earned thrice the amount obtained by it in the previous year, as it had imported a large number of destitute children from the famine-stricken districts, who are reported to be well looked after.

School Buildings and Accommodation.

The various difficulties attending the provision of good and satisfactory accommodation in buildings adapted to School requirements have been detailed in previous reports. It is, however, satisfactory to record that the persistent efforts of the Joint Schools Committee have resulted in a marked and steady improvement in school accommodation. The undermentioned schools were removed during the year:—

1.	Rangari Street Boys' School	(Gujerati)
2.	Rangari Street Girls' School	(Do.)
3.	Byculla School	(Do.)
4.	Byculla Boys' School	(Marathi)
5.	Valkeshwar School	(Do.)
6.	Amerchandwadi Boys' School	(Do.)
7.	Amerchandwadi Girls' School	(Do.)

The change was for the better as regards all these schools, except the Amerchandwadi schools for boys and girls. They occupied a portion of the building belonging to the Lohana Mahajan, which afforded the best available accommodation in the locality; but had to be removed to inferior quarters owing to the Lohana Plague Hospital being opened in the same building.

The Khara Talao Urdoo School for boys was provided with an additional room, required for the separate class formed there under a female teacher for the girls attending it.

The Committee have thankfully received a donation of Rs. 25,000 from the Honorary Secretaries of the Sorabjee Shapurjee Bengalee Memorial Fund for the purpose of providing a building for the Charni Road Girls' school in which the late Mr. Bengalee took a very deep interest. Another building in prospect is the Lord Harris School, which, it is hoped, will be commenced at an early date.

Physical Exercise.

Most of the schools are located in hired buildings where it is not possible to provide the children with a play-ground for drill and other exercises. The Dongri School building, which has been specially constructed by a private landlord in accordance with plans approved by the Joint Schools Committee, is provided with an open space in front which serves as a play-ground. The Head Master is interesting himself in the children's sports and exercises, and the older boys are playing cricket under his supervision.

The Death Roll.

The Committee regret to record that ten teachers died during the year, six of the deaths being due to plague. The number includes two head Masters, Mr. Harilal Bapujee, of the Girgaum School, and Mr. Narayen V. Juvekar of the Shivdi School, both of whom were old and experienced teachers, Mr. Harilal having nearly completed the term of his service for pension. It was fortunate that many teachers had gone to reside in huts and in uninfected parts of the suburbs while the plague was at its height; otherwise the death rate would probably have been higher.

Retirement of Teachers.

Two teachers were permitted to retire during the year,—Mr. Dhondo M. Wakankar, Head Master, Nagpada School, and Mr. Kashinath R. Londhe, 1st Assistant, Girgaum School. Mr. Wakankar retired on a medical certificate of physical unfitness, and Mr. Londhe on having completed his full period of service.

Dismissal of a Teacher.

Jacore Haribhai, Head Mistress, Musjid Bunder Girls' School, was, after a careful enquiry into certain serious allegations made against her, judged unfit to be in charge of a girls' school, and with the sanction of the Director of Public Instruction, was dismissed from the service of the Joint Schools Committee.

Donations.

Mr. Narayen V. Mandlik, executor of the Rehatsek Estate, repeated this year his donation amounting to Rs. 800, for the purpose of giving money prizes to children attending the Committee's Schools. The

Committee accepted the gift with thanks, and distributed the amount accordingly. The thanks of the Committee are also due to the Gentlemen who have given small donations for the award of prizes in selected schools; and it is to be hoped that their example will be more generally followed.

School Statistics.

The usual school statistics are given below :—

(*a*)—Classification of schools.

Class of Schools.	1897-98.				1898-99.			
	Marathi.	Gujerati.	Urdoo.	Total.	Marathi.	Gujerati.	Urdoo	Total.
Middle Schools ...	3	2	...	5	3	2	...	5
Primary for Boys...	29	12	12	53	30	13	14	57
Primary for Girls...	9	7	1	17	9	7	1	17
Night Schools	1	5	...	6	...	...	...	...
Total...	42	26	13	81	42	22	15	79

Four new day schools were opened during the year, while six night schools were closed for want of attendance. There is, therefore, a net decrease of 2 in the total number of Municipal Schools. It is intended to re-open the night schools as soon as the health of the city resumes its normal condition.

(*b*)—Number of schools and scholars.

Class of Schools.	Number of Schools in 1897-98.	Number of Schools in 1898-99.	Pupils in 1897-98.	Pupils in 1898-99.
Municipal	81	79	3,075	3,618
Aided	85	86	5,912	5,860
Total ...	166	165	8,987	9,478

There is an increase of 543 in the total number of pupils attending the Municipal Schools over that of the previous year. Taking the circumstances of the city into consideration, the increase is satisfactory enough, although the total is only about half the average of the normal years preceding the advent of the plague.

The Aided Schools, on the other hand, have receded from a total attendance of 5,912 in 1897-98, to 5·860 in the year under report.

The decrease however is slight, and there is little doubt that these schools will speedily recover their position when the disorganization attending the plague epidemics shall have ceased.

A large number of small private schools have been swept away by the plague. A searching enquiry was made four years ago by the Committee as to the number and character of these schools, and it was found that there were in all 280 schools, attended by 18,187 scholars.

(*c*)—Classification according to sex.

Schools.	1897-98.			1898-99.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.
Municipal	2,428	647	3,075	2,781	837	3,618
Aided	3,346	2,566	5,912	3,260	2,600	5,860
Total ..	5,774	3,213	8,987	6,041	3,437	9,478

(*d*)—Classification according to race.

Races.	1897-98.—Schools.			1898-99.—Schools.		
	Municipal.	Aided.	Total.	Municipal.	Aided.	Total.
European & Eurasians ..	.....	.....	.....	.....	.....	.....
Hindus	1,720	3,004	4,724	1,969	2,860	4,829
Mahomedans	1,078	262	1,340	1,349	346	1,695
Parsis	203	1,732	1,935	211	1,782	1,993
Portuguese and Native Christians	31	418	449	26	424	450
Jews	15	493	508	44	444	488
Aborigines	27	3	30	18	.....	18
Others	1	.....	1	1	4	5
Total ...	3,075	5,912	8,987	3,618	5,860	9,478

It will be noticed from the above table that the attendance of Mahomedans shows the highest proportion of increase. Taking the Municipal and the Aided Schools together, there has been a rise of 355 Mussalman pupils, of whom so many as 271 have joined Municipal Schools. The number of aborigines has declined from 30 to 18. They belong chiefly to the fishermen caste and nearly all of them attend the Municipal School at Worlee Koliwada. The devastation of the quarter occupied by the fisherfolk by fire and plague accounts for the decrease of attendance in the School specially intended for their children.

N. B. MASANI,
Secretary, Joint Schools Committee.

Appendix A.

Statement of Actual Income and Expenditure of "the School Fund" for the year 1898-99.

No.	Receipts.	Amount. Rs. a. p.	No.	Expenditure.	Amount. Rs. a. p.
				A.—SCHOOLS.	
1	Balance on the 1st of April 1898	53,122 3 0	1	Head Masters and Teachers	59,288 14 6
2	Government Grant to Primary Education and Inspection.	42,666 0 0	2	Servants	1,879 14 8
3	Fees from Municipal Schools	12,424 3 0	3	Rent	29,328 5 10
4	Contribution from the General Municipal Fund	80,000 0 0	4	Cost of Class Books	420 15 0
5	Government Grants-in-aid towards Buildings	.....	5	School Furniture	2,207 5 6
6	Interest on Endowments or Investments	523 11 0	6	Prizes	1,460 0 0
7	Miscellaneous	160 15 3	7	Contingencies and Miscellaneous	2,908 6 0
			8	Scholarships in Schools...	233 13 3
			9	Stipends of Students under training as Vernacular Teachers	1,016 4 5
			10	Inspectors' Establishment	7,869 11 2
			11	Grants-in-aid to Primary Schools	19,942 11 0
				B.—BUILDINGS.	
			1	Municipal Original Works	.....
			2	Repairs to Municipal School Houses...	312 8 5
				Balance on 31st March 1899	82,538 2 6
	Total Rupees ...	1,88,897 0 3		Total Rupees ...	1,88,897 0 3

THE JOINT SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, *7th June* 1899.

NANABHAI B. MASANI,
Secretary, Joint Schools Committee.

Appendix B.

Balance Sheet of "the School Fund" for the year 1898-99.

LIABILITIES.	Rs.	a.	p.	ASSETS.	Rs.	a.	p.
To Deposit Account	260	1	10	By Advance Account	171	9	4
„ Hurkisondas Brijlal Prize Fund—				„ Bank of Bombay Government Paper, Municipal Debentures, &c., Deposit Account	27,000	0	0
Principal ... ... Rs. 500 0 0				„ Actual Cash Balance on 31st March 1899—			
Interest ... ... „ 22 10 0	522	10	0	In Bank of Bombay ... ... Rs. 63,912 5 8			
„ Dr. Blaney Prize Fund—				In Office Treasury ... ... „ 14 1 6			
Principal ... ... Rs. 1,000 0 0					63,926	7	2
Interest ... ... „ 36 15 4	1,036	15	4				
„ Madhavdas Rugnathdas Prize Fund—							
Principal ... ... Rs. 500 0 0							
Interest ... ... „ 15 1 11	515	1	11				
„ Behatsek Fund Donation	800	0	0				
„ S. S. Bengalee School Building Deposit Account—							
Principal ... ... Rs. 25,000 0 0							
Interest ... ... „ 425 0 11	25,425	0	11				
„ Income and Expenditure Account—							
Balance on 31st March 1899	62,538	2	6				
Rupees ...	91,098	0	6	Rupees ...	91,098	0	6

THE JOINT SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, *7th June* 1899.

NANABHAI B. MASANI,
Secretary, Joint Schools Committee.

Appendix C.

Statement showing the Number of Scholars in Municipal Marathi Schools of Bombay on the 31st March 1899.

Number of Schools.	Names of Schools.	Attendance on Rolls on 31st March 1899.
	Second Grade A.-V. Schools (Boys').	
1	Dongri School	20
2	Kamathipura do.	12
3	Khetwadi do.	7
	Primary Schools (Boys').	
4	Amerchandwadi School	15
5	Byculla do.	43
a 6	Chandanwadi do.	40
7	Cheulwadi do.	35
8	Chinchpoogli do.	76
9	Colaba do.	34
10	Crawford Market Nirashrit School	40
a 11	Dharavi Nirashrit School	133
12	Dongri do.	90
13	Gamdevi do.	.....
14	Ghodapdeo do.	44
15	Girgaum do.	28
16	Kamathipura Nirashrit School	37
17	Kamathipura School	24
18	Khetwady do.	21
19	Lower Mahim do.	34
20	Mandvi do.	74
21	Matunga do.	30
22	Mazagon do.	10
23	Nagdevi do.	40
24	Nagpada do.	52
25	Parel do.	60
26	Seven Roads do.	26
27	Shivdi do.	7
28	Sion do.	83
29	Upper Mahim do.	45
30	Valkeshwar do.	21
31	Varli do.	38
32	Varli Koliwada do.	12
33	Vithalwadi do.	44
	Primary Schools (Girls').	
34	Amerchandwadi School	.....
35	Byculla do.	22
36	Dadar do.	8
37	Dongri do.	25
38	Kalbadevi do.	5
39	Kamathipura do.	19
40	Mahim do.	40
41	Nagdevi do.	18
42	Varli do.	27
	Total ...	1,430

a New school opened by the Joint Schools Committee on 15th July 1898.

Appendix D.

Statement showing the Number of Scholars in Municipal Gujerati Schools of Bombay on the 31st March 1899.

No. of Schools.	Names of Schools.	Attendance on Rolls on 31st March 1899.
	Second Grade A.-V. Schools (Boys').	
1	Bhuleshwar School	25
2	Nal Bazar do.	15
	Primary Schools (Boys').	
3	Bhuleshwar School	200
4	Buddhivardhak do.	55
5	Byculla do.	20
6	Chandanwadi do.	50
7	Fort School, No. I	51
8	Do. No. II	19
9	Girgaum School	17
10	Kapad Bazar do.	80
11	Mahim do.	15
12	Masjid Bandar do.	20
13	Nal Bazar do.	76
a14	Parel do.	24
15	Rangari Street do.	35
	Primary Schools (Girls').	
16	Bhuleshwar School	28
17	Charni Road do.	100
18	Jairajbhai Pirbhai do.	86
19	Kalbadevi do.	17
20	Masjid Bandar do.	52
21	Nal Bazar do.	29
22	Rangari Street do.	28
	Total ...	1,042

a New school opened by the Joint Schools Committee on 1st August 1898.

Appendix E.

Statement showing the Number of Scholars in Municipal Urdoo Schools of Bombay on the 31st March 1899.

Number of Schools.	Names of Schools.		Attendance on Rolls on 31st March 1899.
	Primary Schools (Boys').		
a 1	Byculla	School	113
2	Chhatri Sarang Street	do.	38
3	Colaba	do.	36
b 4	Dharavi	do.	73
5	Gawli Moholla	do.	55
6	Imamwada	do.	59
7	Jamli Moholla	do.	49
8	Kamathipura	do.	91
9	Kassab Moholla	do.	50
10	Khara Talao	do.	73
11	Madanpura	do.	76
12	Mazagon	do.	76
13	Nagpada	do.	109
14	Nacoda	do.	73
	Primary School (Girls').		
15	Nagpada School ...	... ...	166
		Total ...	1,137

a. New school opened by the Joint Schools Committee on 1st July 1898.
b. Do. do. on 1st December 1898.

Appendix F.

Examination Results of Middle Schools (Marathi) for 1898-99.

Class of Schools.	Number of separate schools examined.	Average attendance of schools examined.	Number of pupils examined.	NUMBER OF PUPILS PASSED.																							
				STANDARD I.					STANDARD II.						STANDARD III.						STANDARD IV.						
				Number of pupils examined.	Arithmetic.	Vernacular.	History and Geography.	English.	Needle-work.	Number of pupils examined.	Arithmetic.	Vernacular.	History and Geography.	English.	Needle-work.	Number of pupils examined.	Arithmetic.	Vernacular.	History and Geography.	English.	Needle-work.	Number of pupils examined.	Arithmetic.	Vernacular.	History and Geography.	English.	Needle-work.
2nd Grade Schools.																											
Municipal	3	66	57	27	22	20	22	20	...	15	8	9	10	9	...	6	6	5	3	3	...	...	...	...	...	...	...
Aided	6	46	62	51	50	50	5	37	...	1	1	1	...	1	...	9	7	8	...	6	...	3	3	...	...	2	...
Total ...	9	112	119	78	72	70	27	57	...	16	9	10	10	10	...	15	13	13	3	9	...	3	3	...	...	2	...
Total of the previous year.	9	126	87	53	34	42	10	31	...	20	18	16	4	14	...	9	8	4	...	5	...	5	3	4	...	3	...

Appendix G.

Examination Results of Primary Schools (Marathi) for 1898-99.

| CLASS OF SCHOOLS. | Number of separate schools examined. | Average attendance of schools examined. | Number of pupils examined. | NUMBER OF PUPILS PASSED. | | |

Appendix

Examination Results of Middle

CLASS OF SCHOOLS.	No. of separate schools examined.	No. of pupils examined.
Boys' Schools.		
Municipal Schools	2	40
Unaided do.	2	82
Total	4	122
Total of the previous year	4	99

H.

Schools (Gujerati) for 1898-99.

A. V. STANDARD I.					A. V. STANDARD II.					A. V. STANDARD III.				
Number of pupils examined.	Number of pupils passed in				Number of pupils examined.	Number of pupils passed in				Number of pupils examined.	Number of pupils passed in			
	1st Head.	2nd Head.	3rd Head.	4th Head.		1st Head.	2nd Head.	3rd Head.	4th Head.		1st Head.	2nd Head.	3rd Head.	4th Head.
34	22	27	19	4	6	6	6	6	6	...	...	...	...	...
29	19	24	24	22	24	13	21	18	20	29	18	22	11	22
63	41	51	43	26	30	19	27	24	26	29	18	22	11	22
45	34	42	24	39	30	28	28	28	25	24	17	18	12	13

Appendix

Examination Results of Primary

CLASS OF SCHOOLS.	Number of separate schools examined.	Number of pupils examined.	STANDARD I. Number of pupils examined.	STANDARD I. Number of pupils passed in: Arithmetic.	Reading.	Writing.	Needle-work.	STANDARD II. Number of pupils examined.	STANDARD II. Number of pupils passed in: Arithmetic.	Reading.	Writing.	Geography.	Needle-work.
1.—BOYS' SCHOOLS—													
Municipal	13	1,126	217	162	176	170	..	343	279	276	293	285	..
Aided	11	1,206	226	175	195	178	13	345	287	306	296	288	34
Unaided	2	234	70	55	48	55	...	40	24	30	28	32	..
Total ..	26	2,566	513	392	419	403	13	728	590	611	617	605	34
Total of the previous year ..	31	2,432	493	398	433	413	47	685	567	574	596	561	67
2.—GIRLS' SCHOOLS—													
Municipal	7	449	116	93	100	95	..	75	63	61	68	64	68
Aided	13	1,189	233	173	189	178	74	251	188	206	208	170	181
Total	20	1,638	349	266	289	273	74	326	251	267	266	234	244
Total of the previous year ..	18	1,521	262	215	235	226	74	254	184	216	208	176	201
Grand Total	46	4,204	862	658	708	676	87	1054	841	878	883	839	278
Grand Total of the previous year ..	49	3,953	755	613	668	639	121	939	751	790	794	737	268

I.

Schools (Gujerati) for the year 1898-99.

STANDARD III.							STANDARD IV.						STANDARD V.						STANDARD VI.						
Number of pupils examined.	Number of pupils passed in						Number of pupils examined.	Number of pupils passed in					Number of pupils examined.	Number of pupils passed in					Number of pupils examined.	Number of pupils passed in					
	Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.			Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.		Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.		Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.	Sanitary Primer.
199	124	137	139	147	..		143	95	98	102	93	..	..	..	..	..	..	..	..	..	..	..	..	..	..
183	156	169	166	127	17		139	117	128	136	119	11	3	2	3	3	1	..	..	..	..	..	..	..	..
37	27	34	32	34	..		27	13	24	18	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..
419	307	340	337	308	17		309	225	250	256	230	11	3	2	3	3	1	..	..	..	..	..	..	..	..
397	299	348	351	267	38		236	193	207	229	195	27	18	15	16	17	15	7	4	..	4	2	1	2	..
36	25	31	31	30	33		15	13	15	15	12	15	9	7	9	9	8	9	8	7	8	7	8	8	..
157	102	144	140	121	123		103	87	95	96	89	98	38	19	34	35	25	33	17	11	17	17	9	17	..
193	127	175	171	151	156		118	100	110	111	101	113	47	26	43	44	33	42	25	18	25	24	17	25	..
201	131	178	178	155	169		118	103	116	114	112	116	48	16	42	47	36	46	22	16	22	22	14	22	..
612	434	518	508	459	173		427	325	360	367	331	124	50	28	46	47	34	42	25	18	25	24	17	25	..
598	430	524	529	422	207		354	298	323	343	307	143	66	31	58	64	51	53	26	16	26	24	15	24	..

Appendix J.

Examination Results of Primary Schools (Urdoo) for 1898-99.

Class of Schools.	Number of separate schools examined.	Average attendance of schools examined.	Number of pupils examined.	RESULTS.																							
				Standard I.					Standard II.						Standard III.						Standard IV.						Standard V.					
				Number presented.	Arithmetic.	Reading.	Writing.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	Geography.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	History & Geography	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	History & Geography	Passed in all heads.
Day Schools.																															
Municipal	15	793	738	116	57	68	73	47	98	62	72	84	47	43	36	25	22	29	20	12	10	8	7	10	6	5	2	2	2	2	2	2
Total ..	15	793	738	116	57	68	73	47	98	62	72	84	47	43	36	25	22	29	20	12	10	8	7	10	6	5	2	2	2	2	2	2
Total of the previous year ..	13	591	208	148	80	92	99	73	36	26	26	33	26	20	14	10	11	13	10	8	6	4	4	5	5	2	4	2	2	4	4	2

NANABHAI B. MASANI,
Secretary, Joint Schools Committee.

ANNUAL REPORT

OF THE

MUNICIPAL AUDITORS,

1898-99.

To

M. N. WADIA, Esq.,

Municipal Secretary,

Bombay.

We have the honor to forward herewith our reports on the Municipal Accounts and the Joint Schools Committee Accounts for 1898-99 in view to their being printed and placed before the Corporation.

We are,

Sir,

Your obedient Servants,

NANABHAI RASTAMJI RANINA,

A. THOMSON,

Municipal Auditors.

BOMBAY, 23*rd August* 1899.

REPORT OF THE AUDITORS OF MUNICIPAL ACCOUNTS FOR THE YEAR 1898-99.

No. 11732. For the audit of the accounts of the year under review, we were appointed Auditors by the Corporation at their ordinary monthly meeting held on the 3rd March 1898, by their Resolution quoted at margin.

2. As usual all the vouchers and papers relating to both the receipts and disbursements of 1898-99 have been compared by us with the day books and subsidiary ledgers; the general ledger postings have also been checked with the entries in the day books and those in the journal with the subsidiary and general ledgers.

3. The Bank receipts of investments of the different loans, also of Municipal Buildings Fire Insurance, School Building, Worn-out Mains Renewal, and Premia, &c., Funds, as well as Securities from contractors in Government, Port Trust, and Municipal Bonds, deposited with the Bank, and the Bank's pass-books have been examined by us and found to be correct and in order.

4. In accordance with the directions of the Corporation contained in their Resolution passed on the 19th November 1888, which were communicated to the Auditors under the Municipal Secretary's letter No. 5374, dated the 30th idem, all Sinking Fund investments pertaining to the year were examined, and we certify that they have all been duly and properly made.

5. It was pointed out in para. 5 of our report for 1897-98 that no payment was made in that year towards the sinking fund on account of renewals of existing water mains worn out, though budget provision existed for such payment. In the budget estimate for 1898-99, no provision on that account was made and accordingly no payment to that fund has been made.

6. It appears necessary to make mention of the fact that in addition to the concurrent audit of the accounts, the weekly statements of receipts and disbursements of Municipal funds were examined by us as they were prepared and prior to their publication in the *Government Gazette*. In addition to the check exercised by us over these statements we have continued to prepare and submit to the Secretary for the purpose of being laid before the Corporation monthly statements showing totals of receipts and disbursements under each account head as they stood in the subsidiary ledgers at the end of the *last* week of each month, which totals as explained in our previous annual reports were agreed with the aggregate total of each head of account given in the weekly statements of the month as well of the ledger.

6*a*. Perhaps it is permissible in this report to observe that for years past it has been the practice for the Auditors to offer remarks on the differences between the actuals of the year under report with those of the preceding year. On referring to the printed reports of previous years it is found that the Commissioner's explanations under the same heads were not so complete or so full as they are now, and per-

haps therefore the Auditors' observations were considered necessary. The necessity for the continuance of our remarks does not now appear to us to exist, and we would therefore suggest the advisability of omitting remarks under those heads from our future reports and thus obviate the duplication of work.

7. The Plague Committee ceased making payments from June 1898 since which date all disbursements of plague charges have been made by the Chief Accountant's Office. Our auditorial duties have continued to be very heavy owing to large and steady payments on account of plague which involved the submission of numerous additional bills, &c. Some idea of the stupendous nature of our duties during the year will be gathered from the following comparison of the account vouchers (including those booked in the journal) compared with the Nos. of the previous year.

	1897-98. Nos.	1898-99. Nos.
Receipts	22,217	23,039
Disbursements	53,907	57,798
	76,124	79,837

8. In the usual manner we will now proceed to make comparison of the receipts and expenditure of the year with the figures of the previous year, giving explanations of the causes of increase or decrease as they occur and when these are large.

9. The *total receipts* of municipal revenue from all sources, including water tax and other miscellaneous water works revenue, interest and profit on investments in 1898-99 amounted to

Rs. 71,61,911-7-8 in 1898-99,
against „ *71,45,560-8-5 in 1897-98,

being Rs. 16,350-15-3 in excess of the revenue of the previous year. The actual excess is however Rs. 4,50,316-0-6, which is arrived at by adding the rebate allowed in 1897-98 to the figures above given.

10. The *total disbursements* from Municipal Funds, including Water Works Account, amounted to Rs. 70,26,479-7-7. Deducting therefrom Rs. 37,424-11-3, as per margin, the net total disbursements amounted to ... ... Rs. 69,89,054-12-4 in 1898-99 against ... ... „ 74,60,490-11-5 „ 1897-98

	Rs.	a.	p.
Municipal Buildings Fire Insurance Fund.	3,090	0	0
Interest realized on do. ...	1,517	0	8
Interest realized on Worn-out Mains Renewal Fund	14,986	15	8
Interest realized on Net Premia Fund ...	16,177	0	0
Do. do. on School Building Fund ...	1,743	10	11
	37,424	11	3

being Rs. 4,71,435-15-1 less than the disbursements of the previous year.

* Includes Rs. 4,37,055-0-1 on account of rebate to current revenue in respect of Plague expenses paid from Revenue in 1896-97.

11. The *opening cash balance* on the 1st April 1898, *vide* statement D. of the Chief Accountant's report, stood at Rs. 26,25,144-5-5, which sum *plus* the gross receipts of the year gives Rs. 97,87,055-13-1 against the gross disbursements of Rs. 70,26,479-7-7, thus leaving a credit balance of Rs. 27,60,576-5-6.

12. *General Tax.*—(Budget estimate Rs. 22,27,500.) The total receipts under this head, comprising House, Police, Lighting and Fire Brigade rates, and including the annual contribution from Government of Rs. 1,09,947, and from the Port Trust of Rs. 1,70,420 amounted to Rs. 22,24,213-12-1

against Rs. 20,56,286-1-11 in 1897-98

being Rs. 1,67,927-10-2 greater than the receipts of the previous year, due to the following causes :

a. Expansion of revenue.

b. Increase of taxation from 8 to 9 per cent.

13. *Wheel Tax and Tolls.*—(Budget estimate Rs. 3,65,500.) The net realizations under this head amounted

to Rs. 3,39,196- 9-7 in 1898-99

against „ 3,46,837-15-3 in 1897-98

being Rs. 7,641-5-8 less than the receipts of 1897-98 due to a reduction in the number of Public and Private conveyances.

The decrease was under the following heads :—

	Rs.	a.	p.
Private Conveyances	2,450	3	8
Public	4,467	2	0
Tolls	724	0	0
Rs.	7,641	5	8

14. *Town Duties.*—(Budget Estimate Rs. 11,05,000.)

Gross collection Rs. 22,60,003-5-4 in 1898-99

„ „ „ 17,09,956-3-1 in 1897-98

being Rs. 5,50,047-2-3 more than the gross receipts of the previous year as per particulars given below, due to enhanced rates on grain and ghee and partly to larger imports of grain, wines and spirits, &c., than in the previous year :—

	1898-99.			1897-98.			Difference.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Port Trust Collections	15,71,995	11	7	14,50,235	9	10	1,21,670	1	9
B. B. & C. I. Ry. „	2,44,982	10	0	64,555	6	0	1,80,427	4	0
G. I. P. Ry. „	4,43,124	15	9	1,95,165	3	3	2,47,949	12	6
	22,60,003	5	4	17,09,956	3	1	5,50,047	2	3

15. *Refund of Town Duties*—

In 1898-99 Rs. 11,42,842-3-0
„ 1897-98 „ 7,58,532-2-0

being Rs. 3,84,310-1-0 more than the refunds of the previous year. This must always be a variable item and one which it is almost impossible to estimate accurately, the amount being dependent on the quantity of goods exported to out-stations.

16. *Commission and Charges* for collecting Town Duties were paid as under :—

Budget Estimate		1898-99.	1897-98.	Difference.
Rs.		Rs. a. p.	Rs. a. p.	Rs. a. p.
42,750	Port Trust...	35,507 8 3	43,484 13 1	7,977 4 10
12,330	G. I. P. Ry.	12,330 7 3	7,223 14 11	5,106 8 4
4,320	B. B. & C. I. Ry....	7,135 1 0	1,994 1 0	5,141 0 0
59,900		54,973 0 6	53,702 13 0	2,270 3 6

17. The amount provided in the budget estimate for 1897-98 was Rs. 52,500, while the actuals were Rs. 52,702-13-0 as shown above. The increased provision was made on the estimated increase in receipts from Town Duties owing to enhancement of the rates on grain, ghee and firewood.

18. *Summary of Town Duties*—

	1898-99.	1897-98.
Gross Collections	Rs. 23,60,003 5 4	17,09,956 3 1
Less—Refund, Commission, Audit, &c., Charges...	„ 11,42,842 3 0	8,21,339 15 0
Difference...	Rs. 11,17,161 2 4	8,88,616 4 1

19. *Licenses*—

Budget Estimate.	Particulars.	Realizations.	
		1898-99.	1897-98.
Rs.		Rs. a. p.	Rs. a. p.
60,000	(*a*) Dangerous and offensive trades	60,656 8 0	64,078 8 0
3,000	(*b*) Streets and Buildings ...	3,545 0 0	3,240 0 0
24,000	(*c*) Land conveyance, music, &c.	23,553 0 0	21,344 4 0
87,000		87,754 8 0	88,662 12 0

20. The expenditure incurred during the year under item (*a*) amounted to Rs. 16,361-9-0, and under item (*c*) to Rs. 8,743-8-5, leaving a net revenue of Rs. 44,295-8-0 and Rs. 14,809-7-7, respectively, under those heads.

21. *Liquor Licenses.*—The usual fixed amount of Rs. 1,43,750 was paid by Government in the month of April 1898, in accordance with Section 63, Act V of 1878.

22. *Tobacco Duty.*—(Budget Estimate, Rs. 2,01,250.) The net receipts under this head, collected through the Collector of Customs, amounted to Rs. 2,08,544-4-10 in 1898-99 against Rs. 1,89,323-6-9 in 1897-98, which is Rs. 19,220-14-1 more than the recoveries of the preceding year. The estimate under this head is based on figures furnished by the Collector of Customs and from the nature of the duty the receipts must be a varying item.

23. *Halalcore Tax.*—(Budget Estimate Rs. 7,35,700.)

Net recovery for	1898-99	...	Rs. 7,13,122- 2- 8
Do.	1897-98	...	„ 7,35,485- 4- 7

being Rs. 22,363- 1-11 less than the receipts of the previous year. The reduction of revenue under this head is due to a larger amount than usual of outstandings of previous years having been collected in 1897-98.

24. *Water Tax and other Miscellaneous Water Tax Revenue.*—(Budget Estimate, Rs. 14,99,000.)

Net realizations Rs. 15,00,970- 7-2 in 1898-99
„ „ „ 13,29,851-15-7 in 1897-98

being Rs. 1,71,118- 7-7 more than the revenue of the previous year.

25. In addition to the realizations above given, the sum of Rs. 14,986-15-8 should be added on account of interest realized on the Worn-out Mains Renewal Fund, and Rs. 4,055-4-11 on account of interest on the Net Premia Fund Investment.

26. The total expenditure on account of Water Works, including New Works, Interest and Sinking Fund on Loans, &c., amounted to Rs. 15,98,156-7-1 against Rs. 16,84,069-15-8 in 1897-98 which shows a decrease of Rs. 85,913-8-7 as compared with the expenditure of the previous year.

27. The total expenditure on account of Water Works above given, when compared with the receipts of the year, shews an increase over the latter of Rs. 78,143-11-4.

28. The excess over receipts in 1897-98 was Rs. 3,34,580-2-2.

29. *Markets and Slaughter-Houses*—

Budget Estimates.	Particulars.	1898-99.	1897-98.
		Rs. a. p.	Rs. a. p.
3,87,000	Receipts	3,60,386 4 6	3,47,537 11 9
1,74,653	Expenditure	1,69,690 3 6	1,50,745 11 6
	Net Income... ...	1,90,696 1 0	1,96,792 0 3

30. The net results of the year show that the receipts exceeded the expenditure by Rs. 1,90,696-1-0, as compared with the previous year's receipts and expenditure ; the net income is less by Rs. 6,095-15-3.

31. *Public Gardens Income.*—(Budget Estimate, Rs. 7,000). The receipts as compared with those of the previous year were as under :—

1898-99	...	...	...	Rs.	5,226 0 2
1897-98	...	...	...	„	5,589 10 1
			Difference ...	Rs.	363 9 11

32. The receipts of the year were Rs. 363-9-11 less than those of the previous year. The difference between the receipts of the two preceding years was Rs. 2,150-7-11. It is observed that the budget estimate for the year under review was Rs. 1,000 less than the sum estimated in 1897-98.

33. *Maintenance of Public Gardens.*—Victoria Garden.—(Budget Estimate, Rs. 53,880.)

Actual expenditure in 1898-99		...Rs.	51,993 5 2
Do.	in 1897-98	... „	48,981 11 10

being Rs. 3,011 9 4 more than the previous year. The budget provision of the previous year was Rs. 56,449.

34. The expenditure during 1898-99, on account of the Victoria Garden, including cost of new works* exceeded the receipts of that year by Rs. 61,197-14-2 against Rs. 43,392-1-9 the difference between receipts and expenditure of the previous year.

* Rs. 14,430-9-2.

35. *Maintenance of the remaining eight Gardens.*—(Budget Estimate, Rs. 9,108).

Expenditure in 1898-99	...	... Rs.	8,534 14 5
Do. in 1897-98	...	... „	6,926 15 10

being Rs. 1,607 14 7 more than the expenditure of the previous year.

36. The aggregate expenditure on all the gardens, including new works, amounted to Rs. 74,958-12-9, which is Rs. 3,512-0-9 less than the aggregate expenditure of the previous year.

37. *Miscellaneous Fines and Penalties.*—(Budget Estimate Rs. 11,000).

Actual receipts in 1898-99	... Rs.	7,929	2 0
Do. in 1897-98	... „	8,686	7 3

being Rs. 757 5 3 less than the receipts under this head in the previous year.

38. *Miscellaneous Receipts.*—(Budget Estimate, Rs. 1,20,000).

Actual receipts in 1898-99	... Rs.	1,03,412	1 1
Do. in 1897-98	... „	1,44,971	3 0

which is Rs. 41,559 1 11 less than the receipts of the previous year due to realizations under the heads (*a*) sale of land, (*b*) rent of reclamation lands, &c., (*c*) right of catching fish, cutting grass, &c., being lower than those of 1897-98.

39. *Miscellaneous Fees.*—(Budget Estimate, Rs. 40,000).

Actual receipts in 1898-99	... Rs.	33,229	7 4
Do. in 1897-98	... „	31,283	11 2

which is Rs. 1,945 12 2 more than the receipts of the previous year.

40. *Miscellaneous Savings.*—(Budget Estimate, Rs. 3,500).

Savings in 1898-99	...	... Rs.	5,330 13 2
„ in 1897-98	...	... „	12,420 7 8

which is Rs. 7,089 10 6 less than the savings of the previous year, due to a larger amount having been forfeited and credited to this head in the accounts of 1897-98.

41. *Tramway Rent.*—(Budget Estimate, Rs.49,700).

Receipts in 1898-99	...	... Rs.	49,693 9 10
Do. in 1897-98	...	... „	49,025 15 4
		Difference... Rs.	667 10 6

42. The excess receipts are due to the doubling of the line from the Money School to the Portuguese Church at Girgaum.

43. *Contribution from Municipal Servants towards Pension Fund.*—(Budget Estimate, Rs. 20,000).

Receipts in 1898-99	Rs.	19,000	5	6
Do. in 1897-98	„	18,963	3	2
The difference is a trifling one...	Rs.	37	2	6

44. *Sale Proceeds of Unserviceable Tools and Plant, &c.*—(Budget Estimate, Rs. 2,050).

Receipts in 1898-99	Rs.	1,863	0	3
Do. in 1897-98	„	*Nil.*		

45. As explained in the previous year's report, unserviceable stores are now disposed of under another system.

46. In 1896-97 the receipts under this head amounted to Rs. 1,811-13-9, while in the succeeding year it was 'Nil' for reasons already given. The receipts in 1898-99 may therefore be taken to be those of two years which gives an average of Rs. 931-8-1 and compares unfavorably with the receipts of 1896-97.

47. *Actual Profit on Sale of Stores to Contractors, &c.*—(Budget Estimate, Rs. 2,050).

The amount realized under this head is Rs. 1,621-15-9, against Rs. 7,168-9-10 in 1897-98.

48. In the previous year the budget provision under this head was Rs. 5,000, whilst the actuals exceeded that figure. In the year under review, whilst the budget estimate is less than half the sum of the previous year, the receipts fall short of that sum by Rs. 428-0-3.

49. The difference in the receipts of the two years is partly due to less stores having been sold to contractors and partly to the loss sustained by the sale of old and unserviceable articles by auction for a trivial sum.

50. *Interest and Profit on Investments of Surplus Loan and other Balances.*—(Budget Estimate, Rs. 90,000).

	Rs.	a.	p.
Realizations in 1898-99	98,419	13	8
Do. in 1897-98	1,29,643	11	0
Difference... Rs.	31,223	13	4

The decrease would seem to be due to funds to the same extent as in 1897-98 not being available for investment.

51. *Interest on Sinking and Insurance, &c., Funds Investments—*

Budget Estimate.	Particulars.	1898-99.	1897-98.
		Rs. a. p.	Rs. a. p.
92,200	5, 4 and 3½ per cent. Municipal Loans Sinking Fund Investment	92,567 9 10	76,963 10 2
1,500	Municipal Buildings Fire Insurance Fund Investment	1,517 0 8	1,356 0 10
15,600	Worn-out Mains Renewal Fund Investment	14,986 15 8	15,768 9 8
16,000	Investment of net premia, &c., received on different Municipal Loans... ...	16,187 0 0	15,376 6 10
1,700	School Building Fund	1,743 10 11	977 6 1
1,27,000		1,27,002 5 1	1,10,442 1 7

52. *Workshops.*—The receipts and expenditure on account of work executed are as under :—

	1898-99.	1897-98.
	Rs. a. p.	Rs. a. p.
Receipts	1,15,875 3 11	1,16,267 5 8
Add—Outstandings	20,513 2 10	6,967 9 1
	1,36,388 6 9	1,23,234 14 9
Deduct—Expenditure	1,22,304 12 3	1,22,083 11 5
Profit ...	14,083 10 6	1,151 3 4

53. The difference in profit between 1898-99 and the previous year, *viz.*, Rs. 12,932-7-2 is due to (*a*) the non-payment of ground rent due to Government, *viz.*, Rs. 7,062, as also to sale proceeds by auction of surplus and unserviceable articles which realized Rs. 1,238-2-2.

54. The outstandings of the year compare unfavourably with the amount of the previous year. Out of the sum of Rs. 20,513-2-10 shown as outstanding in 1898-99 the sum of Rs. 15,324-6-3 represents the value of incomplete works and comprises the following items :—

	Rs. a. p.
Public Health Department	8,499 12 0
Drainage Department	6,815 2 6
Executive Engineer's Department ...	9 7 9
Rs.	15,324 6 3

55. *Private Works.*—The amounts expended as well as those recovered on account of private works are as under :—

	1898-99.	1897-98.
	Rs. a. p.	Rs. a. p.
Receipts	86,348 2 10	73,156 1 7
Deduct—Outstandings of previous year	1,13,314 10 6	48,359 7 5
Actual recoverable receipts of the year	26,966 7 8	24,796 10 2
Add—Outstandings	54,162 13 3	1,13,314 10 6
Total Receipts for the year ...	27,196 5 7	1,38,111 4 8
Deduct—Expenditure	23,945 11 4	1,34,462 5 1
	3,250 10 3	3,648 15 7
Excess recoveries	664 2 2	242 0 5
Net profit during the year ...	3,914 12 5	3,891 0 0

56. *Departmental Works—*

	1898-99.	1897-98.
	Rs. a. p.	Rs. a. p.
Receipts	92,035 8 0	1,37,316 1 8
Deduct—Outstandings of previous years ...	3,764 13 8	2,095 15 1
	88,270 10 4	1,25,220 2 7
Add—Outstandings	29,302 1 2	3,764 13 8
Total receipts for the year... ...	1,17,572 11 6	1,28,985 0 3
Total expenditure for the year ...	1,17,572 11 6	1,28,985 0 3

57. The aggregate of the figures under the head of outstanding given in the preceding two paras. is Rs. 83,464-14-5 which appears high, but perhaps there are reasons why it all could not be adjusted in the accounts of the past year.

58. *General Superintendence—*

Budget Estimates.	Sub-heads.	1898-99.	1897-98.
Rs.		Rs. a. p.	Rs. a. p.
58,780	Corporation and Standing Committee Establishment	52,535 12 2	54,826 14 9
60,125	Municipal Commissioner's Personal Office Establishment	67,770 8 8	73,270 13 2
46,050	General Office Establishment	33,036 10 9	30,271 3 6
58,016	Accounts and Expenditure Audit Establishment	57,037 3 5	56,423 8 0
2,23,981		2,10,380 3 0	2,14,791 13 5

59. The difference between the expenditure of the year under report as compared with that of the previous year is Rs. 4,411-10-5 only and hardly needs explanation as on the whole there has been a reduction of expenditure.

60. *Assessment and Collection Department—*

Budget Estimates.	Sub-heads.	1898-99.			1897-98.		
Rs.		Rs.	a.	p.	Rs.	a.	p.
1,49,628	Property and Wheel Tax Establishment.	1,48,928	0	10	1,44,000	14	2
59,900	Port Trust and Railway (Town Duty Departments)	54,973	0	6	52,702	13	0
2,016	Tolls Collection	2,016	0	0	1,988	0	0
29,944	Licensing Establishment	25,104	8	5	26,267	0	3
26,104	Revenue and Refund Audit Office Establishment	26,160	8	0	25,528	13	1
2,67,592		2,57,182	1	9	2,50,487	8	6

61. The Budget Estimate in 1897-98 under this head was Rs. 2,61,942 against Rs. 2,67,592 in 1898-99—excess Rs. 5,650.

62. The expenditure of the year exceeds that of the previous year by Rs. 6,694-9-3 owing to increased expenditure under the two first heads given above.

63. *Fire Brigade.*—(Budget Estimate, Rs.1,18,921).

Expenditure in 1898-99	Rs.	1,09,076	4	5
Do. in 1897-98	„	1,18,507	12	0
Difference ...	Rs.	9,431	7	7

64. The additional ½ per cent. tax on account of Fire Brigade charges realized the sum of Rs. 1,17,219-1-9 during the year, against Rs. 1,20,960-14-1 in 1897-98.

65. The total revenue from this tax has again exceeded the expenditure by Rs. 8,142-13-4.

66. The reduction in expenditure as shown above is chiefly due to no charges for clothing having been incurred in 1898-99, whereas charges for 1896-97 and 1897-98 were included in the accounts of the previous year.

67. *Engineer's Department—*

Budget Estimate.	Sub-heads.	1898-99.	1897-98.	Difference.
Rs.		Rs. a. p.	Rs. a. p.	Rs. a. p.
49,992	General Supervision and Miscellaneous Duties	49,135 10 0	48,996 8 11	139 1 1
1,13,446	Drainage—Miscellaneous Drainage	1,15,149 14 8	1,13,229 0 7	1,920 14 1
98,910	„ Maintenance of Love Grove Pumping Station	97,248 1 8	96,646 1 5	602 0 3
4,330	„ „ of Sluices	3,258 15 7	4,019 0 8	—760 1 1
31,565	„ „ of Pumping Station (Colaba)...	27,198 7 8	21,332 2 1	5,866 5 7
2,73,705	Water Works	2,13,913 14 1	2,48,285 3 8	—34,371 5 7
86,282	Streets and Buildings—Inspection and Supervision	79,910 14 2	76,136 5 4	3,774 8 10
2,76,352	„ „ Public Lighting	2,53,215 8 6	2,63,812 1 11	—10,596 9 5
85,400	„ „ Road Watering	77,321 1 4	72,987 8 2	4,333 9 2
3,43,900	„ „ Roads, Foot-paths, &c.	2,88,162 14 1	3,70,183 4 7	—82,020 6 6
1,00,000	„ „ Street Improvements	1,09,416 0 11	1,16,540 2 1	—7,124 1 2
1,00,000	„ „ Compensation to House owners for buildings demolished on account of being insanitary	2,520 14 5	*Nil.*	2,520 14 5
38,642	Cleaning, Lighting, and Repairing Port Trust Wharves, Roads	38,642 0 0	38,642 0 0	*Nil.*
16,02,525		13,55,094 5 1	14,70,809 7 5	—1,15,715 2 4

68. The only noticeable increase as compared with the expenditure of the previous year occurred under the head of "Maintenance of the Pumping Station, Colaba" which was due to increased charges on account of coal which rose from Rs. 7,481 in 1897-98 to Rs. 14,876 in 1898-99.

69. Under the majority of heads there was a marked as well as a substantial decrease principally under the following two heads :—

"Water Works."

"Roads, footpaths, &c."

That under the first mentioned head which amounts to Rs. 34,371-5-7, is due to less expenditure having been incurred on repairs to the Tansa main embankment at Kasheli, and to the non-recurrence of expenditure on the Tansa duct at the end of the 45th mile, while under the second head it is due principally to no expenditure having been incurred in connection with the paving of footpaths in 1898-99, and to the repairs of some of the roads in the city having been deferred for obvious reasons.

70. Out of the sum of Rs. 1,00,000 provided for "compensation to house owners for insanitary buildings," the sum of Rs. 97,479-1-9 remains as balance which probably, or a part of it at least, will be expended in the current year when the lapsed grant is renewed. In the Budget Estimate of the current year no provision on that account has been made.

Budget Estimates.			Sub-heads.	1898-99.			1897-98.			Difference.		
Rs.	a.	p.		Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
14,71,580	0	0	General Supervision and Conservancy	13,47,524	15	7	12,83,905	13	5	64,619	2	2
1,74,653	0	0	Markets and Slaughter Houses	1,69,690	3	6	1,50,745	11	6	18,944	8	0
22,446	0	0	Registration of Births and Deaths	19,934	0	9	20,513	5	6	— 579	4	3
13,539	0	0	Cemeteries	12,758	11	9	22,609	11	7	— 9,850	15	10
660	0	0	Laboratory	309	6	2	327	7	9	— 18	1	7
33,701	0	0	Mahaluxmi Dhobiwada	32,342	10	1	19,186	4	2	13,156	5	11
12,338	0	0	Infectious Diseases	13,130	10	3	58,339	6	0	—45,208	11	9
12,029	0	0	Milch Cattle Stables	10,487	3	9	7,768	2	9	2,719	1	0
6,180	0	0	Tank Conservancy	5,918	12	2	5,989	7	6	— 70	11	4
377	0	0	Rastamji Jamsetji Dharamsala	334	3	7	184	4	3	149	15	4
17,284	0	0	Vaccination Contribution to Government	15,293	6	3	17,084	13	7	— 1,792	7	4
500	0	0	Establishment for the temporary sheds at Gilder Street for the segregation of animals suffering from Rinderpest, &c. ...	447	14	10	*Nil.*			447	14	10
2,550	0	0	Erecting temporary stables for the segregation of cattle suffering from foot and mouth disease, &c.	714	8	11	503	10	2	210	14	9
570	0	0	Inspecting milch cattle stables in the city during the prevalence of foot and mouth disease and rinderpest	358	11	4	474	13	5	— 116	2	1
1,680	0	0	Kumbharwada Dispensary	950	0	0	*Nil.*			950	0	0
2,79,759	0	0	Excess cost of Health Department Reorganization scheme ...	58,979	15	1	*Nil.*			58,979	15	1
20,49,796	0	0		16,89,174	6	0	15,86,632	15	1	1,02,541	6	11

72. The difference under the head "General Supervision and Conservancy" is due (*a*) to extra labour carts paid during 1898-99 by a transfer to the Health Department budget, whereas the same charges in 1897-98 were paid out of plague grant. (*b*) Extra Establishment employed in 1898-99 for gully flushing and for Halalcore service, also to water supply bills for previous years having been adjusted in the accounts for 1898-99.

73. The excess under the head "Markets and Slaughter Houses" is due to heavy repairs in that year to the markets, and to bills amounting to Rs. 3,470 for the previous year on the same accounts having been paid in 1898-99; also to bills for water supply in 1897-98 having been paid in 1898-99.

74. *Mahaluxmi Dhobiwada*—(Budget Estimate, Rs. 33,701.)

	1898-99.	1897-98.
Receipts	Rs. 16,517 0 0	16,779 0 0
Expenditure	„ 32,342 10 1	19,186 4 2
Difference ...	Rs. 15,825 10 1	2,407 4 2

75. The expenditure it will be observed continues to be greater than the receipts. As compared with the previous year there has been an increase in expenditure amounting to Rs. 13,418-5-11 due to water supply bills for last year having been adjusted in the accounts of 1898-99. The receipts of the year as compared with those of 1897-98 shew a decrease of Rs. 262.

76. *Milch Cattle Stables*—(Budget Estimate, Rs. 12,029.)

	1898-99.	1897-98.
Receipts	Rs. 16,501 5 1	15,671 0 5
Expenditure	„ 10,487 3 9	7,768 2 9
Actual Profit	Rs. 6,014 1 4	7,902 13 8

77. The receipts of the year compare favorably with those of 1897-98, while the expenditure has been larger by Rs. 2,719-1-0. The net profit of the year has been Rs. 6,014-1-4.

78. *Hospitals.*—

Budget Estimates.	Sub-heads.	1898-99.	1897-98.
Rs.		Rs. a. p.	Rs. a. p.
36,000	Gocouldas Tejpal Hospital	34,469 2 3	33,426 9 10
3,000	Jaffer Sulleman Dispensary	3,000 0 0	3,000 0 0
18,000	Leper Asylum, Matunga	17,731 13 0	17,806 14 4
57,000		55,200 15 3	54,233 8 2

79. The amount of budget provision in the year under review has been the same as in the previous one; but the expenditure in 1898-99 has been greater than in 1897-98 by Rs. 967-7-1.

80. *Police Charges.*—The amount provided under this head in the Budget Estimate was Rs. 5,00,000 which was paid to Government. The actuals compiled to this head are Rs. 5,01,012-12-5, the difference being due to expenditure on account of some structural alterations and additions to buildings in the occupation of the Police.

81. *Plague Expenses.*—The expenditure on this account compiled in the accounts for 1898-99 amounted to Rs. 17,69,569-8-11, which includes the 5 lakhs debited to current account in the year 1897-98.

82. The grants made by Government and brought into the books for 1898-99, towards construction of Health camps, and Discretional grant have been as under :—

	Rs.	a.	p.
For Camps, &c.	60,000	0	0
Discretional relief	40,437	0	9

The expenditure therefore has been as follows :—

	Rs.	a.	p.
For Camps, &c.	51,041	0	6
Discretional relief	38,556	12	3

leaving a balance of Rs. 8,958-15-6 under the first head, and Rs. 1,880-4-6 under the second.

83. *Miscellaneous*—

Budget Estimates.	Sub-heads.	1898-99.			1897-98.		
Rs.		Rs.	a.	p	Rs.	a.	p.
50,000	Pensions, Gratuities, &c.	56,866	0	8	70,096	0	7
7,000	Discretional Contingencies	4,950	6	1	5,686	5	3
10,000	Auditors' Allowance	10,000	0	0	10,000	0	0
1,000	Election Expenses	1,370	11	4	9,370	5	7
.....	Grain Compensation to Peons, &c. ...	17	7	10	82,029	4	4
.....	Cost of analysis of articles of food ...	820	0	0	.....		
.....	Loss on irrecoverable private bills ...	19	11	2	.....		
.....	Illuminating the address to the Viceroy...	995	2	8	.....		
.....	Insurance of Municipal Building ...	1,500	0	0	.....		

84. The items which are comprised in the sum of Rs. 4,950-6-1 compiled under the head of " Discretional Contingencies " are detailed below :—

LIST showing the Amounts paid out of the Discretional Contingencies during 1898-99.

	Particulars.	Amount.			Total.		
		Rs.	a.	p.	Rs.	a.	p.
1.	Telegram charges paid to Messrs. King, King & Co., for making enquiries in connection with the Hon'ble Mr. P. M. Mehta	21	10	9			
2.	Telegram charges in connection with the raising of Loans	23	0	0			
					44	10	9
3.	Making canvas curtains affixed to the arches of the Deputy Executive Engineer, Water Works Office, facing the Railway Station	235	9	7			
4.	Providing canvas curtains to the arches in the east side of the second floor of the Municipal Offices ...	307	2	0			
					542	11	7
5.	Employment of two Hamals for pulling punkhas in the Corporation Hall				64	15	7
6.	Purchase of a table and allowance to the Telephone Company for fitting up a telephone	35	0	0			
7.	Subscription to the Telephone Company for the Telephone connection with the Municipal Commissioner's residence	66	9	4			
					101	9	4
8.	Amount paid to Mr. E. Greenwood for materials and labour expended on the work of preparing a head and neck for the Queen's Statue				800	0	0
9.	Binding 59 volumes of Indian Law Reports, &c., at Rs. 1-8-0 per volume				88	8	0
	Compensation paid to a Police sepoy No. G-1669 on account of the cost of his kit lost by him while rendering assistance to extinguish fire at Worli Village on 20th February 1897				14	8	0
10.	Making and fixing map rollers for Municipal Commissioner's Office	20	14	10			
11.	Making a map of the Island of Bombay at the *Times of India* for the Commissioner's Office	8	0	0			
					28	14	10
12.	Cost of closing up the existing entrances and making a new entrance gate and roadway at the Tank Bunder Burial Ground	389	9	4			
13.	Purchase of two revolvers with 100 cartridges and one revolver belt for the Health Department Inspectors.	85	0	0			
14.	Amount paid to Messrs. John Fleming & Co. for the supply of two safety valves for Masons & Co.'s Light Portable Engine	52	0	0			
15.	Dealing with relapsing fever cases by supplying the patients and contacts, where necessary, with funds to go away to their native countries	300	0	0			
16.	Payment of wages to Noorkhan Boorekhan, a farrier, for March 1898 employed in the Health Department ...	20	0	0			
17.	Employment of a farrier for the months of January and February 1899	20	0	0			
18.	Repairing a screen used for covering dead bodies ...	62	15	1			
19.	Payment made to the Inspector, A Ward on account of a fine inflicted on cart diver No. 34, A Ward, by the court for careless driving	15	0	0			
20.	Printing 35 copies of contractors' bill, *re* construction of a shop at Mint Road...	54	0	0			
					998	8	5
	Carried forward ...						

Particulars.	Amount.	Total.
	Rs, a. p.	Rs. a. p.
Brought forward ...		
21. Articles purchased from Mr. Esmailbhoy Cassum for Umarkhadi New Municipal Dispensary	59 8 0	
22. Amount paid to Messrs. Thomson & Taylor for medicine supplied to Umarkhadi New Municipal Dispensary	264 2 7	
		423 10 7
23. Supplying six umbrellas to night duty Naiks and Watchmen		9 0 0
24. Amount paid to the Collector of Bombay on account of Government dues for one year in respect of the property purchased by the Municipality from Mr. Rustomjee Jamasjee Ashburner		299 7 8
25. Amount paid to the Municipal solicitors for drawing up an agreement with Professor T. Gujjur for the renovation of Queen's statue		73 12 0
26. Filling up holes in the well on the north side of Two Tanks at the junction of Grant Road and Duncan Road	36 3 0	
27. Shifting the existing outlet chamber and constructing an ovoid drain along the retaining wall of Walkeshwar Road	946 1 6	
28. Removal of 9" metal flap traps pipes from the Paltan Road stores to Bellasis Depôt	53 4 0	
29. Erecting a stand pipe and a drain to remove waste Water at Gopi Tank	109 7 1	
30. Making the connection between the 24" Main and 4" Main at Vincent Road near Futka Tank, Matunga.	240 3 0	
		1,385 2 7
31. Seats for Bhundarwada Reservoir		97 15 6
32. Fixing cloth to tables in the Municipal Store Office ...		11 14 11
		4,985 5 9
Deduct—		
Amount paid in the year 1897-98 to Mr. Bomanji Jijibhoy for the purchase of land for street improvement at Vanka Mohola adjusted by credit to Discretional contingencies during the year 1898-99 as per credit voucher No. 11177, dated 17th October 1898		34 15 8
Total...Rs.		4,950 6 1

85. *Education*—

Budget Estimates.	Sub-heads.	1898-99.	1897-98.
Rs.		Rs. a. p.	Rs. a. p.
80,000	Primary Education...	80,000 0 0	72,478 0 0
1,800	School for Deaf and Dumb Mutes ...	1,650 0 0	1,800 0 0
2,500	Veterinary College	2,500 0 0	2,500 0 0
11,778	Victoria and Albert Museum	14,128 14 10	10,130 8 9
10,000	Victoria Jubilee Technical Institute ...	10,000 0 0	10,000 0 0
6,516	Joint Schools Committee's Establishment.	6,497 4 9	5,715 1 11
1,12,594	Total ... Rs.	1,14,776 3 7	1,02,623 10 8

86. As in the previous year, so in 1898-99, no provision was made on account of the School Building Fund, the total amount, including interest standing to the credit of which fund on 31st March 1899, was Rs. 52,721-1-0.

87. The usual report on the audit of the accounts of the Municipal School funds is appended to this report.

88. The increased expenditure under the head "Victoria and Albert Museum" appears to be due to structural alterations and repairs as well as to the building and its contents having been insured.

89. *Special Extraordinary Works*—(Budget estimate, Rs. 52,780.)

Expended in 1897-98	...	...	Rs. 1,39,577-4-7
„ 1898-99	...	...	„ 64,521-4-5

The new works executed during the year and their cost under major heads are given below :—

	Rs.	a.	p.
Drainage Miscellaneous Works	23,990	8	1
Water Works	3,096	12	9
Streets and Buildings	2,961	3	10
Sanitary and other Miscellaneous Works ...	34,472	11	9
Rs.	64,521	4	5

90. The noticeable items of expenditure under the above heads are :—

	Rs.	a.	p.
(*a*) Constructing 3 manholes over six shafts between European General Hospital and the Town Hall	2,337	14	0
(*b*) Working of the electrolisers at Carnac Bunder.	4,347	13	2
(*c*) Construction of a ward office for the Engineer's Department at Gamdevi Road ...	2,961	3	10
(*d*) Construction of latrines and urinals ...	7,236	8	7
(*e*) Construction of night-soil depôt at Bhungy Mohola and Haines Road	11,170	2	3

91. As compared with 1897-98, there has been a reduction in expenditure under this head to the extent of Rs. 75,056-0-2.

92. *Loan Works*—

		Rs.	a.	p.
Expended in 1897-98	... ...	... 29,13,192	8	10
„ 1898-99	... ...	... 20,22,955	4	7*
Difference...		Rs. 8,90,237	4	3

* This includes the credit of Rs. 8,12,546-4-8 on account of the write-off of the net amount advanced for the purchase of frontage lands in the Agripada, &c., estate.

The expenditure under this head is summarised under the following heads :—

	Rs.	a.	p.
Drainage	4,46,474	10	4
Water Works	18,644	12	7
Markets...	4,717	4	9
Fire Brigade	15,565	3	4
Miscellaneous Works	4,55,193	1	6
Roads and Streets	1,25,336	15	10
Plague Charges	17,69,569	8	11
Total... Rs.	28,35,501	9	3
Less.—Net amount advanced for the purchase of frontage lands in Agripada, &c., estate written off	8,12,546	4	8
Net ... Rs.	20,22,955	4	7

93. *Municipal Debt.*—The particulars in regard to the payments made under this head being incorporated in the Municipal Commissioner's report, there appears to be no necessity for our repeating the same.

94. *Personal Accounts of Municipal Officers.*—The amount of permanent advances made to Municipal officers to meet contingent expenditure, also the sums which have been carried to this head pending adjustment, amounted on the 31st March 1899 to Rs. 64,005-10-5 against Rs. 2,27,227-4-3 on the same date in the previous year.

95. The abovementioned sum does not include advances made to Plague Officers which amount to Rs. 1,949-14-0.

96. The reduced amount in 1898-99 is apparently due to advances having been curtailed.

97. *Reserve Stock.*—The value of stock on hand on the 31st March 1899 as ascertained from the accounts rendered to the Chief Accountant's Office, was as under :—

	1898-99.			1897-98.		
	Rs.	a.	p.	Rs.	a.	p.
Executive Engineer	17,420	11	11	22,418	3	3
Drainage "	3,95,467	9	9	3,92,659	4	11
Water "	4,14,541	10	11	4,22,005	10	3
General Stock	48,124	7	3	66,503	9	4
Total...Rs.	8,75,554	7	10	9,03,586	11	9

98. *Income Tax.*—The amount of income tax recovered by the Chief Accountant during the year under review from the fees paid to the members of the Standing Committee and the salaries and wages of Municipal Officers and servants from whom tax is recoverable,

also on wheel tax, amounted to Rs. 33,241-0-0 against Rs. 27,839-0-1 in 1897-98. The amount paid to the Income Tax Collector is Rs. 33,173-0-11 leaving a balance in the Municipal Treasury of Rs. 67-15-1 which will be paid during the current year.

99. *Assets and Liabilities.*—The following figures taken from the Chief Accountant's books shew the Assets and Liabilities of the year as compared with those of the preceding year :—

	1898-99.			1897-98.		
	Rs.	a.	p.	Rs.	a.	p.
Assets	5,88,41,631	7	4	5,66,61,883	12	10
Liabilities ...	4,38,08,328	7	2	4,16,54,268	11	4
Difference ...Rs.	1,50,33,303	0	2	Rs. 1,50,07,615	1	6

Scrutiny of Collections and of Outstanding Bills of Rates and Taxes for the year 1898-99 *and of previous years.*

100. *Collections.*—During the year under report there were issued by the Assessor and Collector 86,679 net demand assessment bills for Property and Wheel Tax of the value of Rs. 43,39,514-13-3, and 1,488 bills for meter hire for the same year of the value of Rs. 14,545-4-7.

The following figures give the particulars of the bills and collections :—

		Rs.	a.	p.	Rs.	a.	p.
86,058	bills for Property and Wheel Tax were issued for 1898-99 of the value of				43,12,795	10	11
1,488	bills for meter hire for 1898-99				14,545	4	7
518	bills for the year 1897-98	23,595	5	6			
99	" " 1896-97	2,907	11	5			
2	" " 1895-96	115	0	0			
2	" " 1894-95	101	1	5			
621					26,719	2	4
88,167	Total number of bills for 1898-99 ...				43,54,060	1	10
Add—Government and Port Trust contributions .		2,80,367	0	0			
Outstandings on 31st March 1898		1,08,625	5	2			
					3,88,992	5	2
Total amount to be collected in 1898-99...					47,43,052	7	0
Less—Collection made by the Assessor and Collector		43,28,131	11	3			
Paid by Government and Port Trust		2,80,367	0	0			
					46,08,498	11	3
					1,34,553	11	9
Deduct—Amount of bills recalled, amended, and cancelled for all years from 1892-93 to 1897-98					19,281	7	4
Total outstandings on the 31st day of March 1899. Rs.					1,15,272	4	5

NANABHAI RASTAMJI RANINA,

A. THOMSON,

Municipal Auditors.

BOMBAY, 15*th August* 1899.

To

M. N. WADIA, Esq.,

Municipal Secretary,

Bombay.

Sir,

In accordance with Section 137 of the Bombay Municipal Act of 1888, we have the honor to forward three Appendices marked A, B and C, containing the result of our scrutiny of the Outstanding Bills of Rates and Taxes, which were in the hands of Ward Clerks and in the Office of the Assessor and Collector on 31st March 1899.

These Appendices form part of our Annual Report on the Municipal Accounts for the year 1898-99 now under preparation.

We have the honor to be,

Sir,

Your obedient servants,

NANABHAI R. RANINA,

A. THOMSON,

Municipal Auditors.

Bombay, 30*th June* 1899.

APPENDIX A.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in the hands of WARD CLERKS and in the Office of the ASSESSOR AND COLLECTOR on the 31st March 1899.

Ward.	No. of Bills.	AMOUNT.										
		On Value.				Compounded or Special.			Tax on Vehicles and Animals.	Meter Hire.	Grand Total.
		General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.			
		1898-99.									
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	791	13,262 5 9	4,044 4 0	2,575 4 8	19,881 14 5	527 2 3	2,282 4 3	14,872 13 11	2,091 13 1	864 0 0	40,319 15 11
B	154	2,495 7 0	1,410 12 3	942 11 1	4,848 14 4	93 0 0	.....	66 8 0	436 0 0	43 0 0	5,487 6 4
C	242	4,566 13 11	1,741 6 1	1,483 7 7	7,791 11 7	61 5 3	629 11 5	68 10 10	247 6 0	48 0 0	8,846 13 1
D	565	5,622 9 3	2,241 15 4	1,978 15 5	9,843 8 0	183 15 0	680 14 7	1,380 4 10	1,692 13 0	189 0 0	13,970 7 5
E	724	5,943 14 2	2,443 6 8	2,043 4 2	10,430 9 0	241 12 0	2,977 3 10	4,481 3 6	674 2 9	454 0 0	19,259 4 1
F	336	2,076 11 5	667 5 10	506 12 9	3,250 14 0	25 13 9	112 12 9	4,970 8 10	107 0 0	69 0 0	8,536 1 4
G	308	1,900 5 0	368 13 10	599 11 6	2,868 14 4	24 0 0	799 13 9	4,118 15 11	160 13 0	128 0 0	8,100 9 0
Total...	3,030	35,868 2 6	12,918 0 0	10,130 3 2	58,916 5 8	957 0 3	7,482 12 7	29,959 6 10	5,409 15 10	1,795 0 0	1,04,520 9 2

NANABHAI R. RANINA,
A. THOMSON,

BOMBAY, 30*th June* 1899.

Municipal Auditors.

APPENDIX B.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in arrears for the year 1897-98 and previous years in the hands of WARD CLERKS and in the Office of the ASSESSOR AND COLLECTOR on 31st March 1899.

Ward.	No. of Bills.	AMOUNT. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.	Tax on Vehicles and Animals.	Grand Total.
		FOR THE YEAR 1897-98.								
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	75	1,228 6 0	565 14 0	381 11 4	2,175 15 4	16 2 8	69 14 2	21 0 5	162 0 0	2,445 0 2
B	11	98 6 2	53 12 7	34 11 9	186 14 6	.....	.....	.....	11 0 0	197 14 6
C	19	150 12 1	65 15 5	34 14 7	251 10 1	4 0 6	.....	.....	89 1 0	344 11 7
D	60	522 7 0	224 0 11	169 6 9	915 14 8	.....	7 12 10	264 6 0	142 0 0	1,330 1 6
E	67	267 4 3	130 13 5	99 10 2	497 11 10	80 10 1	1,347 12 0	.....	114 0 0	2,040 1 11
F	21	269 11 2	186 9 10	105 13 2	562 2 2	19 5 4	.....	3 11 5	.....	535 2 11
G	53	96 13 4	29 1 6	54 14 9	180 13 6	.....	117 11 0	.....	11 0 0	309 8 6
Total...	306	2,633 12 0	1,206 8 7	881 2 6	4,721 2 1	120 2 2	1,543 2 0	289 1 10	529 1 0	7,202 9 1
		1896-97.								
A	27	503 2 1	252 5 1	189 3 8	944 10 10	0 4 2	19 14 3	.....	104 0 0	1,068 13 3
B	7	69 11 10	27 12 10	24 9 11	122 2 7	.....	.....	.....	35 9 0	157 11 7
C	11	22 15 2	10 12 10	8 1 8	41 13 8	1 1 8	.....	.....	243 11 0	286 10 4
D	39	362 14 5	161 9 11	125 6 10	639 15 2	.....	.....	16 8 0	94 0 0	750 7 2
E	13	39 11 10	18 11 4	14 0 5	72 7 7	6 6 6	.....	.....	87 0 0	165 14 1
F	8	125 7 11	64 12 11	48 9 7	238 14 5	3 10 2	.....	.....	15 0 0	257 8 7
G	12	10 13 4	6 9 0	12 0 0	29 6 4	.....	.....	.....	.....	29 6 4
Total...	117	1,124 12 7	542 9 11	422 0 1	2,089 6 7	11 6 6	19 14 3	16 8 0	579 4 0	2,716 7 4
		1895-96.								
A	2	.....	.....	.....	.....	.....	2 12 10	.....	.....	2 12 10
B	4	59 1 2	27 12 10	20 13 8	107 11 8	.....	.....	.....	.....	107 11 8
F	3	21 2 4	9 0 0	6 12 0	36 14 4	.....	.....	.....	46 0 0	82 14 4
G	4	2 14 11	1 6 2	3 10 11	8 0 0	.....	.....	.....	.....	8 0 0
Total...	13	83 2 5	38 8 0	31 4 7	152 10 0	.....	2 12 10	.....	46 0 0	201 6 10
Carried over...	436	3,841 11 0	1,787 0 6	1,334 7 2	6,968 2 8	131 8 8	1,565 13 1	305 9 10	1,154 5 0	10,120 7 3

APPENDIX B—*concluded.*

Ward.	No. of Bills.	Amount.								
		On Value.				Compounded or Special.			Tax on Vehicles and Animals.	Grand Total.
		General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.		
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over...	436	3,841 11 0	1,787 0 6	1,334 7 2	6,963 2 8	131 8 8	1,565 13 1	305 9 10	1,154 5 0	10,120 7 3
1894-95.										
A	1	.....	.....	.....	.....	.....	1 1 4	.....	.....	1 1 4
B	6	59 1 2	27 12 10	20 13 8	107 11 8	.....	.....	.....	20 1 3	127 12 11
Total...	7	59 1 2	27 12 10	20 13 8	107 11 8	.....	1 1 4	.....	20 1 3	128 14 3
1893-94.										
B	2	16 1 6	7 9 4	5 10 11	29 5 9	.....	.....	.....	.....	29 5 9
Total...	2	16 1 6	7 9 4	5 10 11	29 5 9	.....	.....	.....	.....	29 5 9
1892-93.										
A	4	.....	.....	.....	.....	.....	.....	321 12 0	.....	321 12 0
Total...	4	.....	.....	.....	.....	.....	.....	321 12 0	.....	321 12 0
1891-92.										
A	4	.....	.....	.....	.....	.....	.....	113 4 0	38 0 0	151 4 0
Total...	4	.....	.....	.....	.....	.....	.....	113 4 0	38 0 0	151 4 0
GRAND TOTAL...	453	3,916 13 8	1,822 6 8	1,360 15 9	7,100 4 1	131 8 8	1,566 14 5	740 9 10	1,212 6 3	10,751 11 3

NANABHAI R. RANINA,
A. THOMSON,
Municipal Auditors.

BOMBAY, 30*th June* 1899.

APPENDIX C.

SUMMARY OF APPENDICES A AND B.

Years.	Appendix A.		Appendix B.		Grand Total.	
	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
1898-99	3,030	1,04,520 9 2	.....	.....	3,030	1,04,520 9 2
1897-98	.....	.....	306	7,202 9 1	306	7,202 9 1
1896-97	.....	.....	11	2,716 7 4	117	2,716 7 4
1895-96	.....	.....	13	201 6 10	13	201 6 10
1894-95	.....	.....	7	128 14 3	7	128 14 3
1893-94	.....	.....	2	29 5 9	2	29 5 9
1892-93	.....	.....	4	321 12 0	4	321 12 0
1891-92	.....	.....	4	151 4 0	4	151 4 0
Total ...	3,030	1,04,520 9 2	458	10,751 11 3	3,483	1,15,272 4 5

NANABHAI R. RANINA,
A. THOMSON,
Municipal Auditors.

BOMBAY, 30*th June* 1899.

REPORT ON THE ACCOUNTS OF THE JOINT SCHOOLS COMMITTEE.

In accordance with Bye-law No. 15 of the Joint Schools Committee, we beg to report that we have audited the accounts and examined all the vouchers and papers relating to the receipts and disbursements of the School fund in charge of the Joint Schools Committee from 1st April 1898 to 31st March 1899.

The opening balance on 1st April 1898 (including recoverable advances and excluding deposits) was Rs. 53,122-3-0.

The total receipts of the Joint Schools Committee for the year 1898-99 amounted to Rs. 1,35,774-13-3, against Rs. 1,27,165-9-0 in 1897-98, being Rs. 8,609-4-3 more than in the previous year, due to the Municipal contribution having been increased from Rs. 72,478 to Rs. 80,000.

The total expenditure incurred was Rs. 1,26,358-13-9, against Rs. 1,22,542-13-1 in 1897-98, being Rs. 3,816-0-8 more than in the previous year, the increase being due to the opening of two new schools and to providing better accommodation for some of the old schools.

The credit balance was Rs. 62,538-2-6, being Rs. 9,415-15-6 in excess of the proceding year.

NANABHAI R. RANINA,

A. THOMSON,

Municipal Auditors.

BOMBAY, 20*th July* 1899.

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